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Appendix

DEVELOPMENT OF NON-DESTRUCTIVE TESTS FOR LAMINATED GUNSTOCK BLANKS

Technical Interim Report
~~Final Report~~

June 1, 1953 to June 10, 1954

Contract No. SAR/DA-19-059-ORD-1329
Springfield Ordnance District
Department of the Army

June 10, 1954

Revised Interim Rept.

Appendix
Development of Non-destructive Tests
for Laminated Gunstock Blanks
~~Final Report~~ for the period June 1, 1953
to June 10, 1954.

This appendix contains the results of glue line shear and delamination testing collected during the destructive testing portion of the study. The following is a list of the tables appearing in this appendix.

Table No.	Title
3	Shear Strength (p.s.i.) and Percentage of Wood Failure Values of the Principal Glue Lines of the Type B Gunstock Blanks.
4	Shear Strength (p.s.i.) and Percentage of Wood Failure Values of the Principal Glue Lines of the Type C, Class 1 Gunstock Blanks.
5	Percentage of Delamination of the Principal Glue Lines of the Type B Gunstock Blanks.
6	Percentage of Delamination of the Principal Glue Lines of the Type C, Class 1 Gunstock Blanks.
7	Percentage of Wood Failure Values of the Edge Joints of the Type B Gunstock Blanks.
8	Percentage of Wood Failure Values of the Edge Joints of the Type C, Class 1 Gunstock Blanks.
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10	Percentage of Delamination of the Edge Joints of the Type C, Class 1 Gunstock Blanks.

Table 3 Shear Strengths (p.s.i.) and Percentage of Wood Failure Values of the Principal Glue Lines of the Type B Gunstock Blanks.

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure %
1	1	1-T	1830	** 45	2070	95		
		1-M	2020	95	2010	55		
		1-B	1840	95	2640	100	2068	80
	3	1-T	2470	85	1880	100		
		1-M	1440	100	*1370	90		
	5	1-T	2310	80	2520	95		
2	1	1-T	*1240	50	1810	100		
		1-M	1600	95	1440	100		
		1-B	2360	95	1770	95	1703	89
	3	1-T	1750	100	2630	85		
		1-M	1800	** 35	1520	95		
	5	1-T	2310	80	2520	95		
3	1	1-T	2060	100	2070	100		
		1-M	2640	100	2030	95		
		1-B	2510	** 65	2040	90	2225	91
	3	1-T	2150	100	1610	100		
		1-M	1680	90	*1600	85		
	5	1-T	2070	100	2440	90		
4	1	1-T	1590	70	2530	80		
		1-M	1820	75	1460	70		
		1-B	830	** 45	1400	85	1605	70
	3	1-T	2130	100	1730	45		
		1-M	* 650	100	1550	70		
	5	1-T	1590	95	1180	95		
5	1	1-T	1860	** 90	1960	95		
		1-M	2140	95	*1390	90		
		1-B	1730	95	1470	95	1758	93
	3	1-T	1550	95	2390	100		
		1-M	1660	100	1540	95		
	5	1-T	2130	95	2280	90		
6	1	1-T	2370	90	2190	90		
		1-M	2250	** 75	1920	95		
		1-B	1730	95	2020	95	2080	90
	3	1-T	*1340	85	2030	85		
		1-M	2300	95	2120	95		
	5	1-T	1970	100	1470	100		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3 (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure %
7	1	1-T	1410	95	1580	100		
		1-M	1940	100	2410	90		
		1-B	1800	80	1950	100	1848	94
	3	1-T	1360	100	2130	95		
		1-M	2660	45	*1110	** 40		
	5	1-T	2270	95	2230	90		
8	1	1-T	2290	85	1930	95		
		1-M	2360	70	2130	** 65		
		1-B	1880	** 65	2350	70	2157	75
	3	1-T	2080	95	2030	95		
		1-M	1770	90	1900	90		
	5	1-T	2230	95	* 1740	100		
9	1	1-T	1790	100	2270	95		
		1-M	1570	100	2490	90		
		1-B	1710	** 85	1800	100	1938	95
	3	1-T	2160	100	* 1430	95		
		1-M	1690	** 85	2750	95		
	5	1-T	2700	100	2310	90		
10	1	1-T	1830	95	1670	95		
		1-M	1730	95	2560	95		
		1-B	1570	** 35	2020	50	1897	77
	3	1-T	* 1070	85	1710	90		
		1-M	1790	95	1790	85		
	5	1-T	1900	100	2140	95		
11	1	1-T	2010	75	1940	100		
		1-M	1960	95	1970	80		
		1-B	2030	95	1780	85	1948	88
	3	1-T	2200	100	2200	70		
		1-M	2390	60	* 1690	** 30		
	5	1-T	2110	100	2100	100		
12	1	1-T	1330	100	1660	100		
		1-M	2210	80	2700	90		
		1-B	1480	80	2390	90	1962	90
	3	1-T	2260	80	1490	100		
		1-M	1910	70	* 1210	** 65		
	5	1-T	2170	95	1820	95		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure(s) value in each gunstock blank.

Table 3 (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
13	1	1-T	2010	75	2380	60		
		1-M	1890	75	2130	80		
		1-B	2380	100	1930	100	2120	81
	3	1-T	2380	95	2230	80		
		1-M	1880	100	*1440	** 50		
	5	1-T	2190	100	2570	80		
14	1	1-T	* 930	95	2180	95		
		1-M	2080	100	2950	95		
		1-B	1660	100	1940	95	1957	96
	3	1-T	1440	90	1010	95		
		1-M	1680	55	980	** 40		
	5	1-T	2250	100	2400	90		
15	1	1-T	1830	80	1980	75		
		1-M	2030	100	2130	100		
		1-B	2010	80	1590	** 60	1928	82
	3	1-T	2200	90	2270	75		
		1-M	*1150	70	1880	80		
	5	1-T	2060	95	2420	90		
16	1	1-T	2120	** 85	1680	95		
		1-M	2360	90	1580	95		
		1-B	1840	95	*1530	95	1852	92
	3	1-T	2270	100	1770	95		
		1-M	1990	95	2020	100		
	5	1-T	1930	95	2560	95		
17	1	1-T	2210	100	2600	100		
		1-M	2440	** 65	*1290	70		
		1-B	1090	85	1830	** 65	1910	80
	3	1-T	2120	95	2410	95		
		1-M	2280	100	1980	70		
	5	1-T	3090	100	3090	100		
18	1	1-T	1980	90	1680	80		
		1-M	*1270	95	1700	95		
		1-B	1320	100	2160	95	1685	92
	3	1-T	1490	95	1970	80		
		1-M	1540	80	1900	** 70		
	5	1-T	2170	95	2150	90		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3 (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
19	1	1-T	2940	95	1540	95		
		1-M	1800	80	2480	** 65		
		1-B	1810	90	2710	90	2213	85
	3	1-T	1890	100	*1170	90		
		1-M	2030	95	2090	100		
	5	1-T	2700	90	1400	100		
20	1	1-T	2250	** 80	2300	** 80		
		1-M	1500	95	1470	100		
		1-B	1650	85	1480	90	1775	88
	3	1-T	* 930	90	2200	90		
		1-M	1520	100	1850	100		
	5	1-T	2910	100	2370	90		
21	1	1-T	2250	95	2050	90		
		1-M	2300	** 65	*1510	95		
		1-B	2540	100	1760	100	2068	90
	3	1-T	2340	95	2460	100		
		1-M	2720	100	2370	75		
	5	1-T	2480	100	1910	100		
22	1	1-T	1400	95	2010	100		
		1-M	2390	95	1910	100		
		1-B	1970	** 80	2090	** 80	1962	91
	3	1-T	*1120	90	1720	95		
		1-M	2150	85	1180	85		
	5	1-T	1750	100	2130	90		
23	1	1-T	1130	95	2720	** 90		
		1-M	1220	100	1340	** 90		
		1-B	900	** 90	1090	85	1400	91
	3	1-T	2060	** 90	2850	95		
		1-M	1320	100	* 730	100		
	5	1-T	2420	** 90	2780	100		
24	1	1-T	2080	90	1760	100		
		1-M	1870	100	1760	100		
		1-B	1780	100	1860	95	1852	97
	3	1-T	2150	95	1820	100		
		1-M	1850	90	*1120	** 85		
	5	1-T	2970	100	2160	** 85		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure %
25	1	1-T	2120	100	2060	90		
		1-M	* 990	100	1340	100		
		1-B	2670	100	2460	75	1940	94
	3	1-T	1970	90	2160	100		
		1-M	2230	85	2200	** 70		
	5	1-T	2010	95	1870	100		
51	1	1-T	2400	70	1960	90		
		1-M	2180	95	2330	80		
		1-B	*1510	** 40	2030	65	2068	73
	3	1-T	2180	** 40	2400	75		
		1-M	1920	90	2690	90		
	5	1-T	1570	100	2440	75		
52	1	1-T	1890	90	1540	** 85		
		1-M	1840	** 85	1830	** 85		
		1-B	1840	95	*1350	100	1715	89
	3	1-T	1520	100	2250	** 85		
		1-M	2730	90	2120	100		
	5	1-T	2090	100	2440	** 85		
53	1	1-T	1490	95	2400	100		
		1-M	2290	85	2310	95		
		1-B	2700	90	2500	95	2281	93
	3	1-T	*1480	100	2600	95		
		1-M	2160	100	1880	100		
	5	1-T	1680	100	1680	** 40		
54	1	1-T	2080	85	*1670	100		
		1-M	1910	100	2180	100		
		1-B	1890	95	2800	100	2088	96
	3	1-T	2270	** 80	1820	100		
		1-M	1790	100	1800	95		
	5	1-T	2230	100	2210	100		
55	1	1-T	3000	90	2210	100		
		1-M	2000	85	2540	70		
		1-B	2310	85	*1490	90	2258	86
	3	1-T	1890	** 40	1870	95		
		1-M	2160	95	2470	100		
	5	1-T	2260	95	2800	85		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure %
56	1	1-T	2180	85	2350	95		
		1-M	2560	65	2600	100		
		1-B	*1600	75	2500	80	2298	83
	3	1-T	2050	90	1840	95		
		1-M	1750	** 60	2500	90		
	5	1-T	2200	100	2010	60		
57	1	1-T	*1690	100	2260	100		
		1-M	2060	100	2330	** 90		
		1-B	2120	** 90	2520	100	2163	96
	3	1-T	1870	100	1910	95		
		1-M	2440	** 90	1910	95		
	5	1-T	2280	100	2450	** 90		
58	1	1-T	*1660	90	1750	100		
		1-M	1980	90	2390	90		
		1-B	2330	** 60	2280	95	2048	87
	3	1-T	2490	90	2900	100		
		1-M	1900	100	2780	85		
	5	1-T	2600	90	2490	90		
59	1	1-T	1690	70	1840	100		
		1-M	2400	100	2500	95		
		1-B	1780	100	2580	85	2132	89
	3	1-T	2350	100	*1150	50		
		1-M	2580	100	2660	95		
	5	1-T	2300	80	1590	** 40		
60	1	1-T	2030	100	2540	100		
		1-M	2140	100	2490	100		
		1-B	2120	100	2970	100	2380	100
	3	1-T	1950	** 90	2540	100		
		1-M	1650	100	2010	100		
	5	1-T	* 700	100	1560	100		
61	1	1-T	2190	** 60	2020	100		
		1-M	1720	90	*1360	90		
		1-B	1570	100	1780	85	1773	87
	3	1-T	2270	95	2150	85		
		1-M	1810	90	1990	95		
	5	1-T	2040	100	1910	95		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure %
62	1	1-T	2430	95	2350	90		
		1-M	2070	95	2660	65		
		1-B	2640	90	2140	100	2382	89
	3	1-T	2240	95	2450	* 60		
		1-M	2290	90	**2050	70		
	5	1-T	2260	95	2240	80		
63	1	1-T	2200	95	2040	90		
		1-M	2370	95	1920	100		
		1-B	2020	95	1880	95	2070	95
	3	1-T	2310	95	2030	95		
		1-M	3020	95	2460	95		
	5	1-T	*1840	90	2800	** 85		
64	1	1-T	2490	95	1860	100		
		1-M	1760	100	2570	100		
		1-B	*1650	100	2260	** 90	2098	97
	3	1-T	2540	100	2640	95		
		1-M	2440	100	2460	100		
	5	1-T	1810	100	2560	95		
65	1	1-T	2130	100	2110	90		
		1-M	1940	65	2070	95		
		1-B	2450	80	2420	** 40	2187	78
	3	1-T	*1450	100	2490	100		
		1-M	1890	90	2190	95		
	5	1-T	2590	85	1550	85		
66	1	1-T	1890	** 50	2200	80		
		1-M	1800	75	2320	90		
		1-B	*1740	65	1720	80	1953	73
	3	1-T	2330	80	2120	65		
		1-M	2420	80	1950	85		
	5	1-T	2120	100	2070	90		
67	1	1-T	*1630	85	2320	95		
		1-M	1800	80	2220	95		
		1-B	1720	80	1740	80	1905	85
	3	1-T	2380	70	1840	95		
		1-M	2180	100	2320	95		
	5	1-T	2620	70	1970	** 55		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
68	1	1-T	*1530	100	2360	100		
		1-M	2300	95	2430	80		
		1-B	2270	90	2190	90	2180	92
	3	1-T	1890	90	2500	100		
		1-M	2390	100	2770	90		
	5	1-T	2210	80	2050	** 65		
69	1	1-T	1880	100	2510	100		
		1-M	2100	90	2050	100		
		1-B	1570	100	* 1290	100	1900	98
	3	1-T	1350	** 85	2570	100		
		1-M	2340	95	2530	100		
	5	1-T	1870	100	2210	100		
70	1	1-T	2400	100	2620	100		
		1-M	*1230	90	2800	** 65		
		1-B	2370	** 65	2330	100	2292	86
	3	1-T	1880	90	2540	100		
		1-M	2460	100	2600	100		
	5	1-T	1700	95	1560	85		
71	1	1-T	2180	100	2630	100		
		1-M	2130	100	2230	100		
		1-B	2530	90	2490	90	2365	96
	3	1-T	2240	100	2770	90		
		1-M	1870	95	*1790	** 40		
	5	1-T	2230	80	2270	55		
72	1	1-T	*1700	95	2550	95		
		1-M	2160	90	2030	95		
		1-B	2220	100	2060	100	2120	95
	3	1-T	1670	** 40	2120	100		
		1-M	1910	95	1910	80		
	5	1-T	1950	100	2270	100		
73	1	1-T	2770	100	2050	90		
		1-M	2100	** 80	2380	95		
		1-B	2580	95	2150	85	2372	90
	3	1-T	2160	85	2340	100		
		1-M	1860	95	2290	90		
	5	1-T	2300	100	*1730	95		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
74	1	1-T	2050	95	1570	95		
		1-M	2680	85	2050	85		
		1-B	2830	100	2430	** 80	2272	90
	3	1-T	*1000	100	2450	100		
		1-M	2000	90	2560	95		
	5	1-T	2160	90	1930	90		
75	1	1-T	2520	95	2430	90		
		1-M	2700	90	2180	100		
		1-B	1960	** 60	2020	95	2302	88
	3	1-T	2260	** 60	2280	100		
		1-M	2230	90	2080	100		
	5	1-T	2380	100	*1690	100		
101	1	1-T	2610	100	1830	** 25		
		1-M	1830	100	1600	45		
		1-B	2080	60	*1500	95	1908	70
	3	1-T	1980	60	2040	45		
		1-M	2000	70	1690	90		
	5	1-T	2430	95	1580	70		
102	1	1-T	1890	100	1780	80		
		1-M	*1310	100	1920	90		
		1-B	2320	95	2140	85	1893	91
	3	1-T	2080	** 60	2310	100		
		1-M	2280	85	2090	95		
	5	1-T	1370	95	2330	90		
103	1	1-T	1960	** 75	*1200	95		
		1-M	1400	100	1280	90		
		1-B	2160	100	1260	80	1543	90
	3	1-T	1890	80	1640	80		
		1-M	1480	95	1430	100		
	5	1-T	1420	95	1970	85		
104	1	1-T	1970	100	2160	100		
		1-M	1940	85	*1700	** 15		
		1-B	2370	100	2010	70	2025	78
	3	1-T	2270	100	2720	100		
		1-M	2680	100	2790	70		
	5	1-T	1760	50	2730	60		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
105	1	1-T	1940	100	2270	100		
		1-M	2520	100	*1110	100		
		1-B	1750	100	1470	90	1843	98
	3	1-T	1950	100	2280	** 50		
		1-M	1520	80	2310	90		
	5	1-T	1960	95	2350	100		
106	1	1-T	2270	65	2250	55		
		1-M	1640	** 50	2500	75		
		1-B	2490	60	1960	95	2185	66
	3	1-T	2220	** 50	2080	70		
		1-M	1910	80	2230	100		
	5	1-T	*1090	100	2110	70		
107	1	1-T	2200	85	1570	50		
		1-M	2360	100	1630	75		
		1-B	2090	** 25	2800	95	2108	71
	3	1-T	1940	100	2610	100		
		1-M	1760	100	2350	95		
	5	1-T	1410	80	*1330	100		
108	1	1-T	2170	90	1880	** 80		
		1-M	1910	100	2450	100		
		1-B	1900	100	2150	100	2077	95
	3	1-T	1640	100	1970	100		
		1-M	1570	95	2210	95		
	5	1-T	1400	100	* 930	95		
109	1	1-T	1820	100	2030	100		
		1-M	2570	80	2030	100		
		1-B	2570	** 70	1830	75	2133	87
	3	1-T	1830	100	2620	100		
		1-M	*1620	100	2650	80		
	5	1-T	2300	75	2510	80		
110	1	1-T	2270	100	2120	100		
		1-M	2110	100	1890	100		
		1-B	1830	** 60	2820	100	2173	93
	3	1-T	2150	90	1900	100		
		1-M	2270	80	1710	100		
	5	1-T	*1350	80	1530	95		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
111	1	1-T	2200	95	2170	100		
		1-M	2160	100	1970	100		
		1-B	*1430	100	1800	100	1955	99
	3	1-T	2090	80	1490	** 70		
		1-M	2390	100	2070	90		
	5	1-T	1760	80	2350	80		
112	1	1-T	2370	** 25	*1750	40		
		1-M	2130	50	1930	90		
		1-B	2600	95	1890	75	2087	62
	3	1-T	2490	95	2590	90		
		1-M	2310	60	2210	95		
	5	1-T	1900	100	2310	100		
113	1	1-T	2410	85	1450	90		
		1-M	2110	100	1910	** 60		
		1-B	2150	100	1970	80	2000	85
	3	1-T	2270	90	2910	95		
		1-M	1830	95	2230	100		
	5	1-T	1930	100	*1270	85		
114	1	1-T	1730	95	2350	100		
		1-M	2010	** 35	1820	95		
		1-B	1670	85	1690	100	1873	80
	3	1-T	1840	100	2000	100		
		1-M	1950	100	1900	80		
	5	1-T	1830	100	*1070	95		
115	1	1-T	2320	100	*1300	90		
		1-M	2350	85	1790	** 50		
		1-B	1890	85	1850	70	1870	80
	3	1-T	1820	100	2620	100		
		1-M	1730	100	2290	90		
	5	1-T	2370	90	1820	90		
116	1	1-T	2000	100	2070	100		
		1-M	1630	100	*1170	100		
		1-B	1960	95	2470	** 90	1876	97
	3	1-T	1820	100	2390	100		
		1-M	1420	100	1630	100		
	5	1-T	1820	100	1270	** 90		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
117	1	1-T	2000	90	1970	100		
		1-M	1850	95	2210	** 80		
		1-B	2150	** 80	1970	100	2025	90
	3	1-T	2120	100	2350	100		
		1-M	2000	100	1620	95		
	5	1-T	*1250	100	1800	95		
118	1	1-T	2550	85	2290	100		
		1-M	2360	100	*1740	90		
		1-B	2200	** 80	2390	95	2255	91
	3	1-T	2480	95	2390	90		
		1-M	1770	95	2310	95		
	5	1-T	2810	100	2100	95		
119	1	1-T	1850	100	1510	100		
		1-M	1910	95	1590	100		
		1-B	2340	75	3150	100	2058	95
	3	1-T	1350	100	*1050	95		
		1-M	1980	** 30	2080	95		
	5	1-T	1640	95	1180	100		
120	1	1-T	2360	85	2010	100		
		1-M	1790	100	2130	100		
		1-B	2290	100	2000	100	2158	97
	3	1-T	2000	90	2430	95		
		1-M	*1500	90	2540	** 80		
	5	1-T	2530	90	2960	95		
121	1	1-T	1310	100	1470	100		
		1-M	2600	100	* 1290	100		
		1-B	2350	** 90	1960	100	1830	98
	3	1-T	1520	100	2110	100		
		1-M	1590	95	2450	95		
	5	1-T	1330	100	1680	100		
122	1	1-T	2490	95	2110	100		
		1-M	2750	85	2500	100		
		1-B	2160	100	2410	100	2403	96
	3	1-T	2340	100	2880	90		
		1-M	2520	100	2270	100		
	5	1-T	1610	80	*1080	** 50		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
123	1	1-T	2590	70	1770	100		
		1-M	1870	95	1910	95		
		1-B	1970	95	2260	80	2062	89
	3	1-T	2490	90	2490	95		
		1-M	1830	70	*1190	** 60		
	5	1-T	1890	100	1620	100		
124	1	1-T	2160	85	1870	55		
		1-M	2620	100	2140	** 20		
		1-B	1910	95	2600	100	2217	75
	3	1-T	1680	90	*1440	95		
		1-M	1640	100	2270	70		
	5	1-T	1890	80	1690	75		
125	1	1-T	*1350	95	1620	100		
		1-M	2170	90	2220	100		
		1-B	2330	90	2520	100	2035	95
	3	1-T	1910	80	2160	100		
		1-M	1800	90	1910	90		
	5	1-T	2040	** 70	1640	95		
151	1	1-T	1690	90	1930	100		
		1-M	2640	85	2460	100		
		1-B	2130	80	2110	60	2160	85
	3	1-T	2050	75	1640	100		
		1-M	1640	** 10	2140	95		
	5	1-T	2030	80	*1610	90		
152	1	1-T	1870	95	2320	100		
		1-M	2230	95	2240	100		
		1-B	1830	95	2370	90	2143	95
	3	1-T	1690	** 70	2440	100		
		1-M	2250	85	2170	100		
	5	1-T	*1600	90	1620	80		
153	1	1-T	2320	100	2330	85		
		1-M	2790	100	2100	100		
		1-B	2500	100	2270	90	2385	95
	3	1-T	2100	100	2420	** 80		
		1-M	2390	95	*1740	100		
	5	1-T	2570	100	1900	100		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
154	1	1-T	2830	100	2580	90		
		1-M	2840	100	2950	100		
		1-B	2460	** 80	2850	90	2752	93
	3	1-T	*1460	100	2390	** 80		
		1-M	2150	100	1690	** 80		
	5	1-T	1980	100	2390	100		
155	1	1-T	2780	** 75	2770	95		
		1-M	2900	80	3510	95		
		1-B	*2070	100	2420	95	2757	90
	3	1-T	2820	90	2240	80		
		1-M	2420	80	2460	100		
	5	1-T	2860	100	3150	90		
156	1	1-T	1850	95	2350	100		
		1-M	2670	90	2460	** 80		
		1-B	2570	** 80	2510	90	2402	89
	3	1-T	1750	100	2360	100		
		1-M	2360	100	*1540	85		
	5	1-T	2250	100	2350	95		
157	1	1-T	2330	** 90	2820	95		
		1-M	2590	** 90	2910	** 90		
		1-B	2650	100	2810	95	2668	93
	3	1-T	2100	** 90	1690	** 90		
		1-M	2650	100	*1640	100		
	5	1-T	1740	100	1950	95		
158	1	1-T	1990	100	2470	100		
		1-M	2560	80	2330	95		
		1-B	2770	** 40	2110	90	2372	84
	3	1-T	1970	100	2150	100		
		1-M	2510	90	*1270	100		
	5	1-T	2130	100	2470	80		
159	1	1-T	*1500	100	2450	95		
		1-M	2650	100	2690	100		
		1-B	2430	95	2150	100	2312	98
	3	1-T	2130	80	2090	** 55		
		1-M	2020	80	2360	80		
	5	1-T	1850	100	1550	100		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Continued)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
160	1	1-T	2790	100	2430	70		
		1-M	2880	** 60	2540	95		
		1-B	2610	95	*1990	80	2540	83
	3	1-T	2840	100	2140	95		
		1-M	2460	80	2020	80		
	5	1-T	2240	95	2340	90		
161	1	1-T	1860	80	2250	95		
		1-M	2370	100	2470	95		
		1-B	2500	90	2790	95	2373	93
	3	1-T	2440	90	1620	100		
		1-M	*1450	90	2610	95		
	5	1-T	1820	** 75	1710	100		
162	1	1-T	2530	100	1810	** 75		
		1-M	2570	100	2130	95		
		1-B	2460	95	1970	80	2467	91
	3	1-T	2100	95	2200	90		
		1-M	2430	100	*1770	90		
	5	1-T	2090	95	2230	95		
163	1	1-T	2550	100	2130	95		
		1-M	2420	75	2330	95		
		1-B	*1400	** 70	2290	100	2187	89
	3	1-T	2580	90	1890	100		
		1-M	2440	80	2180	100		
	5	1-T	2050	100	2230	100		
164	1	1-T	2010	90	2470	** 70		
		1-M	2050	** 70	2150	85		
		1-B	1990	90	2180	100	2142	84
	3	1-T	2700	100	2270	100		
		1-M	*1140	100	2090	100		
	5	1-T	2170	90	1550	100		
165	1	1-T	2510	80	2370	80		
		1-M	2540	** 50	2410	90		
		1-B	2590	80	2490	100	2485	80
	3	1-T	2320	95	2300	100		
		1-M	2490	85	2520	100		
	5	1-T	*1120	85	1390	100		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 3. (Concluded)

Blank No.	Section No.	Block No.	Glue Line No. 1 Shear, P.s.i.	Glue Line No. 1 Wood Failure, %	Glue Line No. 2 Shear, P.s.i.	Glue Line No. 2 Wood Failure, %	Average of the Butt Section Shear, P.s.i.	Average of the Butt Section Wood Failure, %
172	1	1-T	1570	100	2330	100		
		1-M	2020	85	1690	100		
		1-B	2240	80	*1340	80	1865	91
	3	1-T	2650	100	2520	100		
		1-M	2330	90	2440	** 70		
	5	1-T	2570	90	2760	100		
173	1	1-T	1990	100	2030	90		
		1-M	1940	100	2290	100		
		1-B	1840	100	2600	90	2115	95
	3	1-T	2740	100	*1690	100		
		1-M	2710	100	2410	** 70		
	5	1-T	2310	** 70	2670	95		
174	1	1-T	1970	95	1630	100		
		1-M	2570	100	*1410	100		
		1-B	1890	100	2070	100	1923	99
	3	1-T	3020	90	1460	100		
		1-M	2490	100	1950	** 40		
	5	1-T	2840	100	1840	100		
175	1	1-T	2430	95	1630	85		
		1-M	2390	75	*1250	** 60		
		1-B	1880	75	1640	75	1870	78
	3	1-T	2570	100	1980	90		
		1-M	2690	80	1490	100		
	5	1-T	2490	95	2020	95		

* Lowest shear strength value in each gunstock blank.
** Lowest wood failure value(s) in each gunstock blank.

Table 4, Shear Strengths (p.s.i.) and Percentage of Wood Failure Values of the Type C, Class 1 Gunstock Blanks.

Blank No.	Glue Line No.	Section No. 1		Section No. 3		Section No. 5		Average of the Butt Section	
		Shear, p.s.i.	Wood Failure,%	Shear, p.s.i.	Wood Failure,%	Shear, p.s.i.	Wood Failure,%	Shear, p.s.i.	Wood Failure,%
26	1	2470	95	2430	90	2310	75**		
	2	2570	100	1830	100	2750	100		
	3	2360	100	2570	95	2480	90		
	4	2020	85	1690*	85				
	5	2010	90					2138	94
	6	1770	95						
	7	1750	90						
	8	2150	100						
27	1	3310	100	1950	85**	1790	100		
	2	2410	85**	1770	100	2600	90		
	3	2090	100	2310	100	2620	95		
	4	1690	95	2450	100				
	5	1870	100					2076	96
	6	1150*	100						
	7	1710	85**						
	8	2380	100						
28	1	1590	100	1140*	100	2470	50 **		
	2	1890	100	1980	95	2340	85		
	3	2500	100	1870	100	1670	100		
	4	1780	100	1960	85				
	5	1910	100					1974	98
	6	2520	85						
	7	1770	95						
	8	1830	100						
29	1	2450	85**	1360	90	2190	100		
	2	1890	100	1580	100	1630	100		
	3	1940	100	1830	100	1250*	100		
	4	1810	100	1770	95				
	5	1570	100						
	6	1870	95					1869	96
	7	1780	100						
	8	1640	90						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table.4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
30	1	2390	95	2070	100	2290	90		
	2	2010	60**	2100	100	2370	95		
	3	1930	100	1750	100	1830	90		
	4	1870	100	1230	90			1829	94
	5	1830	100						
	6	1790	100						
	7	1190*	100						
	8	1620	100						
31	1	2170	100	1430	85	1930	85		
	2	1760	95	1670	85	1690	100		
	3	2050	100	2050	95	2230	80**		
	4	1410	100	1630	95				
	5	2200	100					1930	99
	6	2320	100						
	7	2200	100						
	8	1330*	100						
32	1	2250	85	2300	85	2060	95		
	2	2190	100	2030	100	1950	90		
	3	1810	100	2010	100	1980	100		
	4	1810	100	1890	95				
	5	1740	100						
	6	2250	70**						
	7	1250	100					1816	94
	8	1230*	100						
33	1	1930	100	1570	100	1890	100		
	2	1850	90	1870	90	1940	100		
	3	2070	80	1500	95	1630	100		
	4	1650	90	1510	100				
	5	1450	100						
	6	970*	100					1750	91
	7	2010	95						
	8	2070	75**						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, Wood p.s.i.	Failure,%	Section No. 3 Shear, Wood p.s.i.	Failure,%	Section No. 5 Shear, Wood p.s.i.	Failure,%	Average of the Butt Section Shear, Wood p.s.i.	Failure,%
34	1	2240	100	2170	85	2320	100		
	2	2310	100	1970	100	2030	95		
	3	1990	65**	2130	100	1860	100		
	4	1480	100	1440*	75				
	5	1990	100						
	6	1870	100						
	7	2140	100					1981	94
	8	1830	90						
35	1	2580	100	1940	75	2120	80		
	2	2430	100	2120	90	1460	80		
	3	2640	90	2200	100	2010	70**		
	4	1570	100	1790	100				
	5	1130*	95						
	6	1240	100					2156	96
	7	3100	95						
	8	2560	90						
36	1	2050	95	1790	90	1870	90		
	2	1840	100	1630	95	1820	70**		
	3	2610	70**	1930	95	2010	100		
	4	1990	100	1410*	90				
	5	1830	100						
	6	2240	100					2114	95
	7	1950	100						
	8	2400	95						
37	1	1950	100	870*	100	1300	100		
	2	2100	100	1370	100	1530	100		
	3	2390	100	2350	100	1730	100		
	4	1720	100	2370	100				
	5	1730	100						
	6	2470	95					2034	97
	7	1850	85**						
	8	2060	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure, %	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure, %	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure, %	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure, %
38	1	2370	100	1950	90	2010	90		
	2	2150	100	2030	85	2250	95		
	3	1950	100	1930	95	2160	100		
	4	2400	70**	2300	95				
	5	1570*	85					2116	93
	6	1950	95						
	7	2330	95						
	8	2210	100						
39	1	2350	95	1320*	90	1470	100		
	2	1770	100	1970	50**	2270	100		
	3	2020	95	1470	70	1590	100		
	4	1680	60	2370	95				
	5	1820	80						
	6	2710	100					2089	87
	7	2180	70						
	8	2180	95						
40	1	1810	100	1530	100	1930	85		
	2	1870	100	2000	80	1790	100		
	3	1720	90	2430	85	2020	100		
	4	1630	55	2300	85				
	5	2170	40**						
	6	1950	100					1774	85
	7	1790	95						
	8	1250*	100						
41	1	2470	95	2290	95	2250	90		
	2	2390	100	2650	100	1930	85		
	3	2420	100	2050	95	1660	80**		
	4	1580	100	2280	85				
	5	1610	100						
	6	2040	90					2028	96
	7	1970	95						
	8	1440*	95						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure, %	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure, %	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure, %	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure, %
42	1	1380*	100	1400	100	1650	100		
	2	2000	100	2260	100	1940	100		
	3	2530	100	2850	90**	2300	100		
	4	1890	100	1550	100				
	5	2030	100						
	6	1630	100						
	7	2430	100						
	8	2010	100					1987	100
43	1	2470	95	1790	95	2230	100		
	2	2410	100	2020	100	2210	95		
	3	2240	100	1500	100	1400	100		
	4	1880	95	1370*	100				
	5	1950	85**						
	6	2090	100						
	7	1880	100						
	8	2350	90					2158	95
44	1	2040	100	2140	100	1530	60		
	2	2440	95	2050	50**	2110	85		
	3	2030	100	2510	100	1600	95		
	4	1850	100	2500	95				
	5	1600	100						
	6	1190*	100					1738	98
	7	1410	100						
	8	1350	95						
45	1	2470	95	1430	100	1920	100		
	2	2170	95	1910	100	1600	100		
	3	2210	95	2130	95	1670	95		
	4	2030	95	770*	55**				
	5	2030	100						
	6	1710	95						
	7	1790	100						
	8	1780	100					2023	96

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
46	1	1820	100	1430*	100	1700	85**		
	2	2300	100	2270	100	2310	95		
	3	2350	95	2260	100	1940	100		
	4	1850	100	2170	90				
	5	1680	100						
	6	1750	95						
	7	2040	100					1970	97
	8	1470	90						
47	1	1870	95	1360*	95	1470	100		
	2	2200	95	2290	95	1820	95		
	3	2150	95	2350	95	1950	100		
	4	2000	100	1630	100				
	5	2020	90**						
	6	2050	95						
	7	2490	100						
	8	1850	100					2078	96
48	1	1400*	100	1900	100	2120	100		
	2	2400	95	2030	100	2280	85**		
	3	2290	100	2810	95	1550	100		
	4	1670	95	1800	85**				
	5	1740	100						
	6	2170	95						
	7	1730	100					1861	98
	8	1490	100						
49	1	1830	100	1870	100	1740	100		
	2	2160	100	2460	80**	2030	80**		
	3	2340	100	2010	95	1630	100		
	4	1600	100	1570	95				
	5	1330	100						
	6	1810	100						
	7	1210*	80**					1838	96
	8	2430	95						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
50	1	2170	100	1420	100	2190	100		
	2	2370	100	2080	90**	2110	90**		
	3	2340	100	2010	100	950*	100		
	4	1800	95	1850	95				
	5	2020	100						
	6	1930	100					2094	98
	7	2030	90**						
	8	2090	95						
76	1	1840	100	1940	85	1840	100		
	2	2090	65**	2170	100	2380	90		
	3	2020	70	1850	100	2270	85		
	4	1510*	100	1740	100				
	5	1730	95						
	6	2780	100					2052	90
	7	2230	90						
	8	2220	100						
77	1	1860	95	1970	100	2330	90		
	2	2080	100	1990	100	1100*	100		
	3	1740	85**	2160	100	2390	100		
	4	1320	100	1650	95				
	5	1610	100						
	6	1680	95					1641	96
	7	1440	100						
	8	1400	95						
78	1	1670	95	1770	95	1870	100		
	2	1880	95	2090	85	1690	85		
	3	2420	90	2670	95	2510	50**		
	4	1640*	70	1830	80				
	5	2210	100					1887	87
	6	1760	100						
	7	1740	65						
	8	1780	80						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure, %	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure, %	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure, %	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure, %
79	1	2230	85	2390	100	2070	95		
	2	2620	95	2720	70**	1610	95		
	3	2020	90	1710	90	1720	100		
	4	1280*	90	1710	90				
	5	1680	75					1931	90
	6	1760	90						
	7	1910	95						
	8	1950	100						
80	1	2070	100	2110	100	2350	100		
	2	2500	80	2190	95	1630*	100		
	3	2400	60	2660	100	2410	95		
	4	1850	55**	2490	100				
	5	2250	100						
	6	1840	95					2098	79
	7	1690	90						
	8	2190	55**						
81	1	2170	95	1830	100	2370	100		
	2	2620	90	2110	100	2530	100		
	3	2610	95	2020	100	1570	100		
	4	2610	100	1060*	100				
	5	1390	85**					2067	94
	6	2120	100						
	7	1800	85**						
	8	1220	100						
82	1	1830	65**	2130	100	1530	90		
	2	2190	90	2110	100	2190	80		
	3	2450	90	1880	100	2200	100		
	4	1740	90	2030	95				
	5	1540	95					1944	87
	6	2130	90						
	7	1400*	95						
	8	2270	85						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
83	1	2190	95	1200	100	2130	100		
	2	2090	95	1890	100	1930	90		
	3	1830	90	1830	100	2190	85		
	4	1300	75	910*	40**				
	5	2220	90						
	6	1380	100					1735	93
	7	1410	100						
	8	1460	100						
84	1	2490	100	2270	80	2160	100		
	2	2470	95	2350	75	1930	100		
	3	2130	95	2070	95	1810	95		
	4	2010	100	1620	90				
	5	1240*	70**					1976	91
	6	1250	90						
	7	1930	80						
	8	2290	100						
85	1	2500	95	1800	70	2250	100		
	2	2360	100	2380	90	1870	100		
	3	2520	100	2210	40**	1870	100		
	4	2100	100	1690	100				
	5	1150*	100					2130	98
	6	1690	100						
	7	2550	90						
	8	2710	100						
86	1	2040	85	1970	80	1950	85		
	2	2300	90	2150	70	2070	65		
	3	2020	90	2800	100	2030	100		
	4	1500	60**	1830	100				
	5	1160	95						
	6	1750*	95					1822	86
	7	1650	95						
	8	2130	80						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
87	1	2090	95	2390	90	2020	50**		
	2	2130	100	2590	95	2150	100		
	3	2150	80	2500	90	1510	100		
	4	1870	100	1930	100				
	5	1400	60					1612	88
	6	990	100						
	7	890*	100						
	8	1310	70						
88	1	1570	85	1900	100	1870	90		
	2	1890	50**	1930	70	2040	100		
	3	1630	100	2090	80	2130	100		
	4	1550*	100	2410	95				
	5	2280	100					1879	89
	6	2220	85						
	7	1980	95						
	8	1910	100						
89	1	1630	95	1800	100	1570	100		
	2	2350	95	2130	100	1820	70**		
	3	1270	100	2170	100	2200	100		
	4	2120	90	1690	85				
	5	2100	95						
	6	2350	90					1979	96
	7	2750	100						
	8	1260*	100						
90	1	1780	100	1130*	90	1400	95		
	2	2220	100	2150	100	1830	80**		
	3	1970	100	2320	80**	1910	90		
	4	1880	100	2130	100				
	5	1640	100						
	6	1750	100					1826	100
	7	1930	100						
	8	1440	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
91	1	2310	85	1880	80	1970	80		
	2	2430	100	2130	100	2170	95		
	3	2500	75	1970	100	2460	100		
	4	1990	100	1630	50**				
	5	2110	100					2025	95
	6	1030*	100						
	7	1160	100						
	8	2670	100						
92	1	2120	55	1830	100	1970	100		
	2	1630**	90	2050	95	2170	50**	1997	89
	3	1950	100	2370	100	1690	100		
	4	2150	95	1810	100				
	5	1970	95						
	6	1950	85						
	7	1820	95						
	8	2390	100						
93	1	1710	100	1800	100	1850	85		
	2	1560	100	1960	100	1720	100	1790	90
	3	1830	100	1550*	100	2130	100		
	4	2050	95	1800	65				
	5	1990	55**						
	6	1570	100						
	7	1600	85						
	8	2010	85						
94	1	1460	100	1130	100	1600	100		
	2	1730	100	2010	90**	2040	100		
	3	1730	95	2330	100	2770	100		
	4	950*	90**	1490	100				
	5	1800	90**					1714	95
	6	1830	95						
	7	2320	95						
	8	2290	95						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, Wood p.s.i.	Failure,%	Section No. 3 Shear, Wood p.s.i.	Failure,%	Section No. 5 Shear, Wood p.s.i.	Failure,%	Average of the Butt Section Shear, Wood p.s.i.	Failure,%
95	1	1570	80						
	2	1250*	85	1770	100	2130	90		
	3	2350	90	2010	100	2250	80		
	4	1780	95	2650	80	2830	100		
	5	1670	100	2050	75**				
	6	1570	100					1704	94
	7	1310	100						
	8	2130	100						
96	1	1970	65**	2610	95	2430	100		
	2	1740	100	2590	100	2640	100		
	3	1990	90	2630	100	2570	100		
	4	1350	100	2250	100			1617	91
	5	1450	95						
	6	1030*	100						
	7	1600	85						
	8	1810	90						
97	1	1830	50**	1970	95	1820	100		
	2	1750	100	750*	100	1870	100		
	3	1860	100	1810	100	2520	60		
	4	1370	100	2100	95				
	5	1410	100					1635	93
	6	1340	100						
	7	1690	100						
	8	1830	95						
98	1	1360	100	2040	95	2160	100		
	2	900*	75	1600	100	2410	100		
	3	1530	100	2420	100	1910	100		
	4	1470	85	1810	50**			1639	92
	5	1800	100						
	6	2200	90						
	7	2290	90						
	8	1560	95						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, Wood p.s.i.	Failure,%	Section No. 3 Shear, Wood p.s.i.	Failure,%	Section No. 5 Shear, Wood p.s.i.	Failure,%	Average of the Butt Section Shear, Wood p.s.i.	Failure,%
99	1	1140	90	2010	95	2300	100		
	2	1230	95	1650	95	1640	100		
	3	1990	65**	750*	100	1130	100		
	4	1730	90	1930	80				
	5	930	85					1464	89
	6	1210	85						
	7	1070	100						
	8	2410	100						
100	1	2210	100	2070	100	1710	100		
	2	1610	60	2610	95	1700	100		
	3	1530	100	1630	100	1690	90		
	4	1650	65	1320	40**			1620	85
	5	1400	100						
	6	1300*	80						
	7	1650	100						
	8	2210	75						
126	1	1090	85	2120	100	2530	95		
	2	830*	100	1510	100	1840	85		
	3	1710	100	1670	80	2180	30**		
	4	1730	100	2080	95			1604	94
	5	1730	95						
	6	1590	95						
	7	1880	100						
	8	2270	80						
127	1	2530	100	1910	80	2400	100		
	2	2210	100	2400	95	2730	100		
	3	1550	95	2310	85	2240	100		
	4	1030	100	1750	95			1709	98
	5	1030*	90**						
	6	1430	100						
	7	1940	100						
	8	1950	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
128	1	1790	85	2060	95	1770*	100		
	2	2230	70	2230	100	1960	80		
	3	2350	95	2370	100	2820	90		
	4	1980	100	2100	100			2100	83
	5	1810	100						
	6	2170	100						
	7	2350	40**						
	8	2120	80						
129	1	1510	100	2550	100	2150	90		
	2	1490	85	2330	100	2130	85		
	3	1390	70**	1670	100	2380	100		
	4	1580	100	1340	100			1485	90
	5	1200*	90						
	6	1910	100						
	7	1560	80						
	8	1240	100						
130	1	2370	95	2090	100	2350	80		
	2	2600	95	1990	100	1880	100		
	3	2780	90	2070	100	1200	100		
	4	2330	100	2240	100			2232	83
	5	2110	95						
	6	2210	100						
	7	1140*	40**						
	8	2320	55						
131	1	2140	100	1870	100	1570	90		
	2	1040	100	1860	100	1910	95		
	3	2160	100	2360	100	1730	100		
	4	2250	40**	2530	100			1636	84
	5	580*	100						
	6	1450	100						
	7	1150	85						
	8	2320	50						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
132	1	1290	10**	1870	95	1500	100		
	2	1530	10**	2250	100	1920	100		
	3	2170	80	2170	70	1650	90		
	4	2050	100	2630	90			1732	68
	5	740*	100						
	6	1830	55						
	7	2180	100						
	8	2070	100						
133	1	1290*	80	1590	100	1990	100		
	2	1930	100	1870	100	1750	95		
	3	2180	100	1790	100	2390	100		
	4	1790	90	2070	100			1886	91
	5	2030	100						
	6	1650	100						
	7	1840	100						
	8	2380	60**						
134	1	1330	50**	1610	100	1730	90		
	2	1730	100	2570	90	1920	100		
	3	2170	100	1950	100	1430	100		
	4	2170	100	2080	80			1549	91
	5	1550	80						
	6	630*	100						
	7	1210	100						
	8	1600	100						
135	1	1310	65**	1470	100	1830	85		
	2	2200	100	1390	95	2170	100		
	3	2360	100	1930	100	1670	90		
	4	1750	90	1500	90			1658	91
	5	1430	100						
	6	1200	90						
	7	930*	90						
	8	2080	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Wood Failure,%	Section No. 3 Shear, p.s.i.	Wood Failure,%	Section No. 5 Shear, p.s.i.	Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Wood Failure,%
136	1	2770	100	1610	100	2190	100		
	2	2220	100	2350	100	2590	100		
	3	1710	95	1500*	95	2080	100		
	4	2070	100	2490	100			2094	91
	5	1580	100						
	6	2200	75**						
	7	1930	90						
	8	2270	75**						
137	1	1390	100	2070	80	1910	100		
	2	2020	90	2370	100	2330	80		
	3	1760	100	1338*	100	2450	50**		
	4	2030	80	2080	80			1971	90
	3	1520	100						
	6	1790	80						
	7	2390	70						
	8	2870	100						
138	1	1560	85	2040	100	2670	90		
	2	1500	100	1880	90	1330	70**		
	3	2190	100	1770	90	1220	100		
	4	1210*	100	2050	85			1680	93
	5	1390	95						
	6	1630	100						
	7	1990	100						
	8	1970	70**						
139	1	1650	100	1570	100	2530	100		
	2	1980	75**	1760	95	1710	90		
	3	2140	100	1960	100	950*	100		
	4	1780	100	1670	90			1810	94
	5	1570	100						
	6	1860	100						
	7	1270	80						
	8	2230	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
140	1	2150	100	2150	100	1910	95		
	2	2970	100	1420	95	2320	95		
	3	2550	95	1830	80	2470	100		
	4	1850	100	1950	90			2160	95
	5	2190	100						
	6	1950	95						
	7	1390*	100						
	8	2230	70**						
141	1	1430	80	1200	65	1990	75		
	2	1350	100	1350	100	1660	70		
	3	2370	70	1130*	80	1960	60**		
	4	1490	90	1950	80			2088	92
	5	1730	100						
	6	3010	100						
	7	3330	100						
	8	1990	100						
142	1	2310	100	2010	100	1610	100		
	2	1620	100	1680	100	1620	95		
	3	1740	100	1530	100	1210*	80**		
	4	2020	100	2150	100			1999	100
	5	1350	100						
	6	2030	100						
	7	1930	100						
	8	2990	100						
143	1	2200	80	1630	85	1570	90		
	2	1030	100	800*	100	1880	95		
	3	1670	85	1410	100	2130	100		
	4	1490	100	1610	65			1630	86
	5	1580	75						
	6	1590	100						
	7	970	100						
	8	2510	45**						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
144	1	2500	75	1850	80	1450	100		
	2	1890	100	1790	100	1630	80		
	3	2380	80	1040*	85	1510	80		
	4	1930	55**	2250	100			2110	88
	5	1870	95						
	6	2240	95						
	7	2190	100						
	8	1880	100						
145	1	1370	85	1370	100	1550	75		
	2	2330	90	1150	100	1770	65		
	3	2250	100	2220	100	1900	100		
	4	1070*	95	2150	40**			1975	94
	5	1850	95						
	6	2050	90						
	7	2470	100						
	8	2400	100						
146	1	2630	100	1530	90	1850	100		
	2	1650	100	1770	80**	1200	100		
	3	1600	100	1570	100	2600	100		
	4	1840	95	2210	100			1854	97
	5	2050	90						
	6	1970	100						
	7	1070*	100						
	8	2020	90						
147	1	1210*	100	1330	95	1450	100		
	2	1520	90	1570	95	1570	95		
	3	2070	100	1730	85	1800	100		
	4	2010	90	1590	100			1946	94
	5	1950	80**						
	6	2650	100						
	7	1830	95						
	8	2330	95						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
148	1	1990	95	1670	50	1670	60		
	2	2070	95	1640	100	2070	95		
	3	1870	100	1520	100	2310	100		
	4	1360*	40**	1390	100			1949	86
	5	1560	100						
	6	2330	95						
	7	2250	100						
	8	2160	80						
149	1	710*	90	1790	100	1930	100		
	2	1910	80	1510	100	2120	95		
	3	2150	85	2000	85	2130	100		
	4	2200	100	1890	95			1803	92
	5	1370	100						
	6	1630	100						
	7	1660	100						
	8	2790	75**						
150	1	2570	90	1560	95	1730	90		
	2	2310	95	1290*	40**	2010	75		
	3	1290*	100	1420	100	1330	90		
	4	1730	100	1530	90			1828	98
	5	1670	100						
	6	1630	95						
	7	1830	100						
	8	1590	100						
176	1	2270	90	2070	100	1890	100		
	2	2200	100	1530	90	1490	90		
	3	1840	100	670*	100	2170	40**		
	4	2040	90	1670	70				
	5	1440	80					1925	91
	6	1980	100						
	7	1590	100						
	8	2040	75						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
177	1	2410	85	1120	95	1570	40**		
	2	1820	90	1110	95	2030	95		
	3	2500	90	420*	65	1990	70		
	4	1780	95	1750	95				
	5	1050	90					1659	91
	6	1850	95						
	7	910	95						
	8	590	85						
178	1	1730	95	1780	95	1670	95		
	2	1920	95	2200	90	1750	95		
	3	2590	95	1230*	85	1870	50**		
	4	2350	100	2140	95				
	5	1680	50**					2020	91
	6	2090	90						
	7	2380	100						
	8	1420	100						
179	1	1710	100	1490	100	1110	40**		
	2	2310	95	2830	85	1960	100		
	3	1950	90	1170	100	1500	85		
	4	2020	75	770*	60				
	5	2590	85					1781	89
	6	1180	80						
	7	1270	100						
	8	1220	90						
180	1	2340	90	690*	95	1410	100		
	2	2210	100	1440	100	2020	40**		
	3	2630	85	750	100	2640	95		
	4	1890	85	1010	95				
	5	1670	85					2044	92
	6	2320	100						
	7	1580	100						
	8	1710	90						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure, %	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure, %	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure, %	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure, %
181	1	1270	100	530*	90	1150	100		
	2	2150	100	880	100	1170	95		
	3	1610	75**	2190	100	1750	100		
	4	1620	95	1370	100				
	5	1890	100					1588	96
	6	1190	95						
	7	1340	100						
	8	1630	100						
182	1	2170	100	970	95	1210	50**		
	2	2010	85	1090	70	1330	95		
	3	1830	90	670*	80	1210	80		
	4	1930	95	880	90				
	5	850	100					1650	94
	6	1010	90						
	7	1950	95						
	8	1450	100						
183	1	1770	100	1170	100	1170	100		
	2	1770	95	1590	100	2270	100		
	3	1910	85**	630*	95	1830	100		
	4	2120	95	1000	100				
	5	1800	85**					1818	92
	6	1390	90						
	7	1970	100						
	8	1810	85**						
184	1	1550	90	1520	100	2060	95		
	2	2070	90	1380*	100	1770	100		
	3	2030	85	1950	95	2310	70**		
	4	2050	95	2680	95				
	5	2010	95					2000	90
	6	1580	100						
	7	2170	80						
	8	2540	85						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
185	1	2100	90	1110	40**	2210	70		
	2	2130	100	2200	100	1250	95		
	3	2190	85	760*	100	2060	100		
	4	1870	95	2110	95				
	5	2240	100					1912	93
	6	1070	100						
	7	2330	90						
	8	1370	85						
186	1	1750	85	1510	85	2230	95		
	2	1820	90	1400	100	1830	40**		
	3	1900	95	1170*	40**	1940	100		
	4	2210	80	1930	100				
	5	1670	80					1852	90
	6	1750	100						
	7	2000	90						
	8	1720	100						
187	1	2050	90	1840	100	2260	90		
	2	770	100	1150	100	1600	100		
	3	2250	95	640*	95	2400	85		
	4	1800	95	2060	100				
	5	1370	55**					1809	92
	6	1860	100						
	7	1690	100						
	8	2680	100						
188	1	2130	95	1960	100	2250	70		
	2	2350	100	1650	80	1450	95		
	3	2410	100	1370	100	1230*	100		
	4	1950	70	1490	50**				
	5	2150	95					2172	94
	6	2170	100						
	7	2610	100						
	8	1610	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure,%	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure,%	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure,%	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure,%
189	1	2350	85	1760	100	2300	35		
	2	2450	75	2230	100	1830	30**		
	3	2200	90	990*	80	1830	90		
	4	2100	100	1630	90				
	5	2090	95					2078	93
	6	1310	100						
	7	2070	100						
	8	2050	100						
190	1	2430	100	1010	90	710*	100		
	2	1450	95	1820	100	1680	100		
	3	2190	85	1610	100	1270	90		
	4	2190	95	1590	90				
	5	1870	80**					1934	91
	6	1080	95						
	7	2130	90						
	8	2130	85						
191	1	2300	100	1170	100	1330	100		
	2	2250	95	1810	80**	1920	95		
	3	2080	100	2370	90	2450	85		
	4	1870	95	880*	100				
	5	2080	95					2126	96
	6	2370	95						
	7	1870	95						
	8	2190	95						
192	1	1750	100	1430	90	1630	100		
	2	2410	100	980	100	1810	90		
	3	850	100	770*	80**	1650	95		
	4	1780	95	1010	90				
	5	1770	100					1855	99
	6	1440	100						
	7	2240	100						
	8	2570	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Continued)

Blank No.	Line No.	Section No. 1 Shear, Wood p.s.i.	Failure,%	Section No. 3 Shear, Wood p.s.i.	Failure,%	Section No. 5 Shear, Wood p.s.i.	Failure,%	Average of the Butt Section Shear, Wood p.s.i.	Failure,%
193	1	1830	100	1650	100	2350	30		
	2	2490	100	2100	100	1270	10**		
	3	2060	95	870*	100	1790	20		
	4	1560	100	1780	100			1850	95
	5	1570	80						
	6	1980	95						
	7	1570	95						
	8	1640	95						
194	1	2150	95	1030	40**	2420	65		
	2	2640	100	950	100	1970	80		
	3	1560	95	550*	100	1960	75		
	4	2070	85	1750	95				
	5	1400	90					1850	96
	6	1010	100						
	7	2020	100						
	8	1950	100						
195	1	1570	95	1500	80	1590	100		
	2	2030	95	1170*	100	1710	100		
	3	2330	95	1290	80	2150	100		
	4	2270	100	1910	50				
	5	1620	20**					2024	85
	6	2410	90						
	7	1650	85						
	8	2310	100						
196	1	2000	80**	1000	100	1250	100		
	2	1850	85	2180	100	2130	85		
	3	2010	85	770*	85	2380	100		
	4	1220	100	2110	85				
	5	1020	100					1691	94
	6	780	100						
	7	2330	100						
	8	2320	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 4 (Concluded)

Blank No.	Glue Line No.	Section No. 1 Shear, p.s.i.	Section No. 1 Wood Failure, %	Section No. 3 Shear, p.s.i.	Section No. 3 Wood Failure, %	Section No. 5 Shear, p.s.i.	Section No. 5 Wood Failure, %	Average of the Butt Section Shear, p.s.i.	Average of the Butt Section Wood Failure, %
197	1	2060	25**	1360	100	1720	95		
	2	1140	95	1460	95	1510	100		
	3	1510	100	850*	95	1350	100		
	4	2050	100	1400	85				
	5	1850	100					1726	89
	6	1990	100						
	7	1550	100						
	8	1660	95						
198	1	2050	100	2200	90**	1670	100		
	2	2310	100	1720	100	1990	95		
	3	1890	100	1370	90**	2010	95		
	4	1590	100	1310*	100				
	5	1480	100					1964	100
	6	1990	100						
	7	2030	100						
	8	2370	100						
199	1	1490	100	1410	100	1280	100		
	2	1530	50**	1680	100	1690	100		
	3	1970	90	740*	70	1950	50**		
	4	1990	100	1110	100				
	5	1690	75					1808	87
	6	2560	85						
	7	1410	100						
	8	1820	95						
200	1	2010	100	2090	80	2290	95		
	2	2310	95	1600	80	2030	100		
	3	2590	80	1850	80	1890	70**		
	4	2550	90	2350	95				
	5	1280	100					1755	96
	6	1030*	100						
	7	1180	100						
	8	1090	100						

* Minimum shear strength value in the entire gunstock blank.

** Minimum wood failure value(s) in the entire gunstock blank.

Table 5. Percentage of Delamination of the Principal Glue Lines of the Type B Gunstock Blanks

Blank No.	Glue Line No.	Section No. 1 Cycle No.			Section No. 3 Cycle No.			Section No. 5 Cycle No.		
		1	2	3	1	2	3	1	2	3
1	1	0.0	2.5	2.5	0.0	15.3	16.7**	0.0	3.6	3.6
	2	0.0	8.5	11.0	0.0	0.0	0.0	0.0	3.6	5.4
	Average	0.0	5.5	6.8*	0.0	7.6	8.3	0.0	3.6	4.5
2	1	2.5	2.5	5.8**	0.0	0.0	2.7	1.9	1.9	3.8
	2	0.0	0.0	0.8	0.0	0.0	2.7	0.0	0.0	0.0
	Average	1.2	1.2	3.3*	0.0	0.0	2.7	0.9	0.9	1.9
3	1	0.0	0.0	0.0	0.0	1.3	1.3	0.0	0.0	0.0
	2	1.7	2.5	5.0**	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.8	1.3	2.5*	0.0	0.7	0.7	0.0	0.0	0.0
4	1	0.0	0.0	0.0	0.0	2.7	6.8**	0.0	0.0	0.0
	2	0.0	0.8	1.7	0.0	2.7	5.4	0.0	0.0	0.0
	Average	0.0	0.4	0.8*	0.0	2.7	6.1	0.0	0.0	0.0
5	1	0.0	3.4	3.4	0.0	4.1**	4.1	0.0	0.0	0.0
	2	0.0	0.8	0.8	0.0	1.4	1.4	0.0	1.9	1.9
	Average	0.0	2.1	2.1*	0.0	3.7	3.7	0.0	0.9	0.9
6	1	0.0	2.5	3.3	0.0	5.4	5.4	0.0	5.7	5.7
	2	0.0	7.5	7.5**	0.0	6.8	6.8	0.0	3.8	3.8
	Average	0.0	5.0	5.4*	0.0	6.1	6.1	0.0	4.7	4.7
7	1	0.0	1.7	1.7	0.0	2.7	2.7	0.0	5.7	7.6
	2	2.5	10.2	10.2**	0.0	0.0	0.0	0.0	0.0	0.0
	Average	1.3	5.9	5.9*	0.0	1.4	1.4	0.0	2.8	3.8
8	1	0.0	0.0	0.0	0.0	5.3	6.7**	0.0	1.9	1.9
	2	1.7	1.7	2.5	0.0	0.0	1.3	0.0	0.0	1.9
	Average	0.8	0.8	1.2*	0.0	3.3	4.0	0.0	0.9	1.8
9	1	0.8	3.4	5.1	0.0	1.4	5.6	1.9	1.9	5.7**
	2	0.0	0.0	0.8	0.0	0.0	1.4	0.0	0.0	3.8
	Average	0.4	1.7	3.0*	0.0	0.7	3.5	1.0	1.0	4.8
10	1	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9**
	Average	0.0	0.4	0.4*	0.0	0.0	0.0	0.0	0.9	0.9
11	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	16.1**
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	2.7	8.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No.			Section No. 3 Cycle No.			Section No. 5 Cycle No.		
		1	2	3	1	2	3	1	2	3
12	1	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	1.9
	2	0.0	1.7	3.8**	0.0	0.0	1.4	0.0	0.0	1.9
	Average	0.0	0.8	1.7*	0.0	0.7	1.4	0.0	0.0	1.9
13	1	0.0	0.0	0.8	0.0	1.4	2.8	0.0	0.0	0.0
	2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.9	3.8**
	Average	0.0	0.0	0.8*	0.0	0.7	1.4	0.0	0.9	1.9
14	1	0.0	6.8	6.8	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	2.5	2.5	0.0	0.0	8.4	0.0	3.6	10.9**
	Average	0.0	4.7	4.7*	0.0	0.0	4.7	0.0	1.8	5.5
15	1	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	7.7**
	2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0
	Average	0.0	0.0	0.0*	0.0	0.0	2.1	0.0	0.0	3.8
16	1	0.0	1.7	1.7	0.0	0.0	0.0	0.0	0.0	1.9
	2	0.0	0.8	0.8	0.0	12.5	12.5**	0.0	0.0	0.0
	Average	0.0	1.3	1.3*	0.0	6.2	6.2	0.0	0.0	1.0
17	1	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.8	3.7**
	2	0.8	1.7	2.5	0.0	1.4	2.7	0.0	0.0	0.0
	Average	0.4	1.2	1.7*	0.0	0.7	1.4	0.0	1.8	1.8
18	1	0.8	0.8	2.5	0.0	0.0	2.7	11.1	16.6	22.2**
	2	0.0	0.0	0.8	1.4	5.5	5.5	0.0	1.8	3.7
	Average	0.4	0.4	1.7*	0.7	2.8	4.1	5.1	9.3	13.0
19	1	0.0	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.8	0.8	0.0	2.8	2.8	0.0	1.9	3.8**
	Average	0.0	1.3	1.3*	0.0	1.4	1.4	0.0	0.9	1.9
20	1	0.8	1.7	1.7	0.0	0.0	7.0	0.0	1.9	3.8
	2	0.8	1.7	28.4**	0.0	0.0	2.8	0.0	3.8	7.7
	Average	0.8	1.7	17.1*	0.0	0.0	5.5	0.0	2.9	5.8
21	1	3.3	4.2	5.8**	0.0	1.4	1.4	0.0	1.9	3.8
	2	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	Average	1.7	2.5	3.3*	0.0	0.7	0.7	0.0	0.9	1.9
22	1	1.7	3.4	4.2	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	1.7	6.0**	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.9	2.6	5.2*	0.0	0.0	0.7	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
23	1	3.3	25.8	25.8**	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8
	Average	1.7	12.8	12.8*	0.0	0.7	0.7	0.0	0.9	0.9
24	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9**
	Average	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	0.9	0.9
25	1	0.0	2.5	3.4**	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	1.9
	Average	0.0	1.3	2.9*	0.0	0.7	0.7	0.0	0.0	0.9
51	1	0.0	0.0	5.1	0.0	1.4	6.9**	0.0	0.0	1.9
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.0	2.5*	0.0	0.7	3.5	0.0	0.0	0.9
52	1	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.0	6.8	10.2**	0.0	1.4	2.8	0.0	0.0	0.0
	Average	0.0	3.4	5.1*	0.0	1.4	2.1	0.0	0.0	0.0
53	1	6.7	17.1	18.8**	2.8	9.7	11.1	0.0	0.0	0.0
	2	0.0	0.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
	Average	3.4	8.9	10.3*	1.4	4.9	5.6	0.0	0.0	0.0
54	1	0.8	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
	2	1.6	5.1	6.8**	0.0	0.0	1.4	0.0	0.0	1.9
	Average	1.3	2.5	5.1*	0.0	0.0	0.7	0.0	0.0	0.9
55	1	1.7	2.5	5.1**	0.0	2.8	2.8	0.0	0.0	0.0
	2	0.0	0.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.8	1.7	3.4*	0.0	1.4	1.4	0.0	0.0	0.0
56	1	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	1.7	2.6	0.0	1.4	4.2**	0.0	0.0	0.0
	Average	0.0	0.9	1.3*	0.0	0.7	2.8	0.0	0.0	0.0
57	1	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	4.2	11.1	13.9**	0.0	0.0	0.0
	Average	0.4	0.4	0.4*	2.1	5.6	6.9	0.0	0.0	0.0
58	1	0.0	0.0	0.0	0.0	2.8	2.8	0.0	7.5	9.5**
	2	0.0	1.7	2.6	1.4	0.0	2.8	0.0	5.7	5.7
	Average	0.0	0.8	1.3*	0.7	1.4	2.8	0.0	6.6	7.5

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
59	1	0.0	1.7	2.5	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.8	1.7	1.7	0.0	4.2	4.2**	0.0	0.0	0.0
	Average	0.8	1.7	2.1*	0.0	2.8	2.8	0.0	0.0	0.0
60	1	0.0	0.9	0.9	0.0	0.0	5.6	0.0	3.8	5.8**
	2	0.0	0.9	0.9	0.0	1.4	4.2	0.0	1.9	1.9
	Average	0.0	0.9	0.9*	0.0	0.7	4.9	0.0	2.9	3.9
61	1	0.0	3.4	3.4**	1.4	1.4	1.4	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	1.7	1.7*	0.7	0.7	0.7	0.0	0.0	0.0
62	1	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	5.8
	2	0.0	0.0	0.9	0.0	0.0	1.4	0.0	5.8	9.6**
	Average	0.0	0.0	1.7*	0.0	0.0	0.7	0.0	2.9	7.7
63	1	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0
	2	0.0	0.8	3.4	0.0	2.0	6.8**	0.0	1.8	3.6
	Average	0.0	0.4	1.7*	0.0	2.0	5.4	0.0	0.9	1.8
64	1	0.0	0.8	0.8	0.0	0.0	0.0	0.0	1.9	1.9**
	2	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.4	0.8	0.8*	0.0	0.0	0.0	0.0	0.9	0.9
65	1	0.0	0.0	0.8	0.0	0.0	2.7	0.0	0.0	1.9
	2	0.0	1.6	1.6	0.0	1.3	1.3	0.0	0.0	3.6**
	Average	0.0	0.8	1.3*	0.0	0.7	2.0	0.0	0.0	1.8
66	1	0.8	4.2	4.2**	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	1.9
	Average	0.4	3.5	3.5*	0.0	0.0	0.7	0.0	0.0	0.9
67	1	0.0	0.0	1.7	0.0	0.0	1.4	0.0	3.8	11.5**
	2	0.0	0.8	4.2	0.0	0.0	1.4	0.0	0.0	1.9
	Average	0.0	0.4	2.9*	0.0	0.0	1.4	0.0	1.9	6.7
68	1	0.0	0.0	0.8	0.0	0.0	1.4	0.0	1.9	1.9
	2	0.0	1.7	2.5	0.0	0.0	2.8**	0.0	0.0	0.0
	Average	0.0	0.8	1.7*	0.0	0.0	2.1	0.0	0.9	0.9
69	1	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	2.5	5.0**	0.0	0.0	1.4	0.0	0.0	0.0
	Average	0.0	1.7	2.9*	0.0	0.0	0.7	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
70	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	1.4	1.4**	0.0	0.0	0.0
	Average	0.0	0.0	0.0*	0.0	0.7	0.7	0.0	0.0	0.0
71	1	0.0	0.0	0.0	1.4	1.4	2.8	0.0	1.9	1.9
	2	0.0	2.5	3.3	1.4	4.2	4.2**	0.0	0.0	1.9
	Average	0.0	1.3	1.7*	1.4	2.8	3.5	0.0	0.9	1.9
72	1	0.0	0.0	0.8	0.0	1.4	2.8**	0.0	0.0	1.9
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.0	0.4*	0.0	0.7	1.4	0.0	0.0	0.9
73	1	0.0	0.8	3.3	0.0	0.0	0.0	0.0	1.9	3.8
	2	0.8	2.5	2.5	0.0	2.8	6.9**	0.0	0.0	0.0
	Average	0.4	1.7	2.9*	0.0	1.4	3.5	0.0	0.9	1.9
74	1	0.0	0.8	0.8	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	2.5	4.2**	0.0	0.0	0.0	0.0	0.0	3.8
	Average	0.0	1.7	2.5*	0.0	0.0	0.7	0.0	0.0	1.9
75	1	0.0	0.0	1.7**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
	Average	0.0	0.0	0.9*	0.0	0.7	0.7	0.0	0.0	0.0
101	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8
	2	0.0	0.8	0.8**	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.4	0.4*	0.0	0.0	0.0	0.0	1.9	1.9
102	1	0.0	0.0	0.8	2.8	11.1	11.1**	5.7	9.4	9.4
	2	0.0	1.6	1.6	0.0	1.4	1.4	0.0	0.0	0.0
	Average	0.0	0.8	1.2*	1.4	6.3	6.3	2.8	4.7	4.7
103	1	0.0	5.0	5.8**	0.0	0.0	1.4	0.0	3.6	5.6
	2	0.8	2.5	5.0	0.0	2.8	2.8	3.6	3.6	5.6
	Average	0.4	3.7	5.4*	0.0	1.4	2.1	1.8	3.6	5.6
104	1	2.5	4.2	4.2**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.8	0.8	0.0	0.0	0.0	0.0	1.9	1.9
	Average	1.2	2.4	2.4*	0.0	0.0	0.0	0.0	0.9	0.9
105	1	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.8	0.8	4.1	12.3	19.2**	0.0	0.0	0.0
	Average	0.0	0.4	0.8*	2.1	6.2	9.6	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
106	1	0.0	0.0	0.8	4.1	10.9	10.9**	0.0	0.0	1.9
	2	0.0	0.0	0.8	0.0	5.5	5.5	0.0	0.0	0.0
	Average	0.0	0.0	0.8*	2.1	8.2	8.2	0.0	0.0	0.9
107	1	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	3.4	3.4	0.0	8.3	9.7**	0.0	5.7	5.7
	Average	0.0	1.7	1.7*	0.0	4.2	5.6	0.0	2.8	2.8
108	1	0.0	0.0	0.8	0.0	2.7	10.9**	0.0	0.0	1.9
	2	0.0	0.0	0.8	0.0	1.4	2.7	0.0	1.9	1.9
	Average	0.0	0.0	0.8*	0.0	2.0	6.8	0.0	0.9	1.9
109	1	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	3.8
	2	0.0	0.0	0.0	0.0	2.8	2.8	0.0	5.7	11.3**
	Average	0.0	0.0	0.4*	0.0	1.4	1.4	0.0	2.8	7.5
110	1	0.0	0.0	1.7	0.0	12.5	13.8**	0.0	0.0	0.0
	2	3.4	7.6	11.8	4.2	6.9	11.1	0.0	5.7	7.5
	Average	1.7	3.8	6.8*	2.1	9.7	12.5	0.0	2.8	3.8
111	1	0.0	0.0	0.8**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.0	0.4*	0.0	0.0	0.0	0.0	0.0	0.0
112	1	0.0	0.0	0.0	0.0	4.1	5.6**	0.0	0.0	0.0
	2	0.0	0.8	0.8	1.4	2.8	2.8	0.0	0.0	0.0
	Average	0.0	0.4	0.4*	0.7	3.4	4.2	0.0	0.0	0.0
113	1	0.0	4.3	6.8	0.0	9.6	12.3	0.0	20.0	22.1**
	2	0.0	0.8	0.8	0.0	0.0	0.0	0.0	1.9	1.9
	Average	0.0	2.5	3.8*	0.0	4.8	6.2	0.0	11.0	12.0
114	1	0.8	4.2	7.6**	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	3.4	5.9	0.0	0.0	4.2	0.0	1.9	3.8
	Average	0.4	3.8	6.8*	0.0	0.0	2.8	0.0	0.9	1.9
115	1	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
	2	4.2	10.2	10.2**	0.0	0.0	0.0	0.0	0.0	0.0
	Average	2.1	5.1	5.1*	0.0	0.7	0.7	0.0	0.0	0.0
116	1	0.0	0.0	0.0	0.0	2.8	2.8	7.4	13.0	13.0**
	2	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	1.9
	Average	0.0	0.0	0.0*	0.0	1.4	2.8	3.7	6.5	7.4

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
117	1	2.5	9.2	9.2	1.4	1.4	1.4	0.0	17.0	17.0**
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8
	Average	1.3	4.6	4.6*	0.7	0.7	0.7	0.0	10.4	10.4
118	1	0.0	2.5	3.4	0.0	0.0	0.0	3.7	3.7	5.6
	2	0.0	7.6	11.8**	0.0	0.0	1.4	0.0	0.0	0.0
	Average	0.0	5.1	7.6*	0.0	0.0	0.7	1.8	1.8	2.8
119	1	0.0	4.3	5.2	4.1	9.6	12.3**	0.0	3.8	3.8
	2	0.0	0.0	1.7	0.0	2.8	2.8	0.0	0.0	0.0
	Average	0.0	2.1	3.4*	2.0	6.7	7.5	0.0	1.9	1.9
120	1	2.5	9.9	10.8**	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.0	0.8	0.8	0.0	2.8	2.8	0.0	0.0	0.0
	Average	1.2	5.4	5.8*	0.0	2.1	2.1	0.0	0.0	0.0
121	1	0.0	0.0	0.8	1.4	4.1	17.8	0.0	9.4	18.8**
	2	0.0	0.0	0.8	0.0	0.0	4.2	0.0	0.0	0.0
	Average	0.0	0.0	0.8*	0.7	2.0	11.0	0.0	4.7	9.4
122	1	2.5	19.7	20.5	0.0	0.0	0.0	0.0	0.0	0.0
	2	11.5	22.2	22.2**	1.4	7.9	7.9	0.0	0.0	0.0
	Average	7.0	20.9	21.3*	0.7	3.9	3.9	0.0	0.0	0.0
123	1	2.5	3.3	3.3	0.0	0.0	1.4	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8**
	Average	1.2	1.6	1.6*	0.0	0.0	0.7	0.0	1.9	1.9
124	1	0.8	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	4.1	4.1**	0.0	0.0	0.0
	Average	0.4	0.8	0.8*	0.0	2.0	2.0	0.0	0.0	0.0
125	1	0.8	3.2	3.2	0.0	0.0	5.6**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	3.7	3.7
	Average	0.4	1.6	1.6*	0.0	0.0	3.5	0.0	1.9	1.9
151	1	0.8	0.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8**
	Average	0.4	0.4	0.8*	0.0	0.0	0.0	0.0	1.9	1.9
152	1	0.0	0.0	1.6	2.9	5.7	8.6	0.0	0.0	1.9
	2	0.0	0.0	0.0	1.4	4.3	10.0**	0.0	0.0	0.0
	Average	0.0	0.0	0.8*	2.1	5.0	9.3	0.0	0.0	0.9

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No.			Section No. 3 Cycle No.			Section No. 5 Cycle No.		
		1	2	3	1	2	3	1	2	3
153	1	0.0	10.1	11.7**	0.0	5.6	5.6	0.0	1.8	5.6
	2	0.0	0.0	1.7	0.0	0.0	2.8	0.0	0.0	1.8
	Average	0.0	5.1	6.8*	0.0	2.8	4.2	0.0	0.9	3.8
154	1	0.0	0.0	0.9	0.0	2.7	2.7**	0.0	1.8	1.8
	2	0.0	1.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.8	1.7*	0.0	1.4	1.4	0.0	0.9	0.9
155	1	0.0	0.8	0.8	0.0	0.0	1.4**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	1.4	1.4**	0.0	0.0	0.0
	Average	0.0	0.4	0.4*	0.0	0.7	1.4	0.0	0.0	0.0
156	1	0.0	0.8	2.5	0.0	2.9	2.9**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	2.9**	0.0	0.0	0.0
	Average	0.0	0.4	1.3*	0.0	1.4	2.9	0.0	0.0	0.0
157	1	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.5	7.5**
	Average	0.0	0.0	0.0*	0.0	0.7	0.7	1.9	3.8	3.8
158	1	0.0	0.0	0.8	2.8	5.6	5.6	1.9	5.7	5.7**
	2	0.0	0.0	0.8	0.0	0.0	1.4	0.0	0.0	0.0
	Average	0.0	0.0	0.8*	1.4	2.8	3.5	0.9	2.8	2.8
159	1	3.4	13.6	13.6**	0.0	1.4	4.1	0.0	5.7	5.7
	2	0.0	1.7	2.5	0.0	0.0	1.4	0.0	0.0	0.0
	Average	1.7	7.6	8.1*	0.0	0.7	2.8	0.0	2.8	2.8
160	1	0.0	3.4	4.2	0.0	1.4	2.8	0.0	5.7	7.5**
	2	0.0	0.0	0.0	1.4	4.1	4.1	0.0	0.0	0.0
	Average	0.0	1.7	2.1*	0.7	2.7	3.4	0.0	2.8	3.8
161	1	0.0	1.7	1.7	0.0	6.9	6.9**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	Average	0.0	0.9	0.9*	0.0	3.5	3.5	0.0	0.0	0.9
162	1	1.7	5.0	5.8**	1.4	2.7	2.7	0.0	0.0	0.0
	2	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.8	2.9	3.3*	0.7	1.4	1.4	0.0	0.0	0.0
163	1	0.0	0.0	0.0	0.0	5.6	5.6**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	0.0	0.0*	0.0	2.8	2.8	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Continued)

Blank No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
164	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9
	2	0.0	2.6	4.3**	0.0	0.0	1.4	0.0	1.9	3.7
	Average	0.0	1.3	2.2*	0.0	0.0	0.7	0.0	1.9	2.8
165	1	0.0	0.0	0.0	0.0	4.2	4.2**	1.9	1.9	1.9
	2	0.9	0.9	0.9	0.0	2.8	2.8	0.0	0.0	0.0
	Average	0.4	0.4	0.4*	0.0	3.5	3.5	1.0	1.0	1.0
166	1	0.0	4.2	6.7**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	Average	0.0	2.1	3.4*	0.0	0.0	0.0	0.0	0.0	0.9
167	1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	3.8**
	2	0.8	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.4	1.2	1.2*	0.0	0.0	0.0	0.9	1.9	1.9
168	1	0.0	3.5	5.2	2.8	6.9	6.9	1.9	5.7	7.6
	2	4.3	12.9	12.9**	1.4	6.9	9.7	0.0	3.8	3.8
	Average	2.2	8.2	9.1*	2.1	6.1	8.3	0.9	4.7	5.7
169	1	1.7	4.2	4.2	1.4	6.9	8.3	3.8	13.2	17.0**
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	9.4
	Average	0.8	2.1	2.1*	0.7	3.5	4.2	1.9	9.5	13.2
170	1	0.0	4.2	4.2	0.0	1.4	1.4	0.0	0.0	0.0
	2	0.0	7.6	7.6**	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	5.9	5.9*	0.0	0.7	0.7	0.0	0.0	0.0
171	1	0.0	1.7	2.5	0.0	0.0	0.0	0.0	7.5	7.5**
	2	0.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
	Average	0.0	2.1	2.5*	0.0	0.0	0.0	0.0	3.8	3.8
172	1	0.0	1.7	1.7	0.0	0.0	0.0	0.0	1.8	3.6**
	2	0.0	0.0	0.0	0.0	2.7	2.7	0.0	0.0	1.8
	Average	0.0	0.8	0.8*	0.0	1.3	1.3	0.0	0.9	2.7
173	1	0.0	1.7	1.7	0.0	1.4	2.8**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
	Average	0.0	0.9	0.9*	0.0	1.4	2.1	0.0	0.0	0.0
174	1	0.0	1.7	1.7	0.0	4.2	4.2**	0.0	3.8	3.8
	2	0.0	0.0	0.0	0.0	2.8	2.8	0.0	0.0	0.0
	Average	0.0	0.9	0.9*	0.0	3.5	3.5	0.0	1.9	1.9

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 5. (Concluded)

Blank No.	Glue Line No.	Section No. 1 Cycle No.			Section No. 3 Cycle No.			Section No. 5 Cycle No.		
		1	2	3	1	2	3	1	2	3
175	1	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.8	1.6	0.0	1.3	1.3**	0.0	0.0	0.4
	Average	0.0	0.4	1.2*	0.0	0.7	0.7	0.0	0.0	0.2

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 Percentage of Delamination of the Principal Glue Lines of the Type C, Class 1 Gunstock Blanks.

Blank No.	Glue Line No.	Section 1 Cycle No.			Section 3 Cycle No.			Section 5 Cycle No.		
		1	2	3	1	2	3	1	2	3
26	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4
	2	0.0	0.0	0.0	0.0	2.2	4.4	0.0	0.0	0.0
	3	0.0	0.0	2.2	0.0	2.2	2.2	0.0	2.2	2.2
	4	0.0	0.0	2.2						
	5	0.0	8.9	8.9**						
	6	0.0	2.2	2.2						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	1.4	2.2*	0.0	1.5	2.2	0.0	2.2	2.2
27	1	0.0	0.0	0.0	0.0	0.0	6.7**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
	3	0.0	0.0	6.7**	0.0	2.2	2.2	0.0	2.2	2.2
	4	0.0	2.2	4.4						
	5	0.0	2.2	2.2						
	6	0.0	2.2	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	4.4						
	Average	0.0	0.8	2.8*	0.0	0.7	3.0	0.0	0.7	2.2
28	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	2.2	2.2	6.7	13.3	13.3	8.9	24.5	31.1**
	3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
	4	0.0	2.2	4.4						
	5	4.4	11.1	11.1						
	6	0.0	4.4	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.6	2.5	2.8*	2.2	4.4	5.2	3.0	8.1	10.4
29	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	2	0.0	2.2	6.7	0.0	13.3	15.6**	0.0	0.0	0.0
	3	0.0	2.2	6.7	0.0	6.7	6.7	0.0	6.7	8.9
	4	0.0	6.7	13.1						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.4	3.3*	0.0	6.7	7.4	0.0	2.2	3.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
30	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	6.7	6.7						
	5	0.0	2.2	2.2						
	6	0.0	0.0	0.0						
	7	0.0	8.9	8.9**						
	8	0.0	0.0	0.0						
	Average	0.0	2.5	2.5*	0.0	0.0	0.0	0.0	0.0	0.0
31	1	0.0	6.7	11.1	0.0	0.0	2.2	0.0	11.1	13.3**
	2	0.0	6.7	6.7	0.0	0.0	2.2	0.0	0.0	0
	3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0
	4	0.0	13.3	13.3*						
	5	0.0	0.0	2.2						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	3.3	4.2*	0.0	0.0	2.2	0.0	3.7	4.4
32	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	6.7
	2	0.0	13.3	15.6**	0.0	0.0	0.0	0.0	0.0	0.0
	3	2.2	4.4	4.4	0.0	0.0	0.0	0.0	4.4	4.4
	4	0.0	4.4	8.9						
	5	0.0	4.4	4.4						
	6	0.0	0.0	4.4						
	7	0.0	2.2	2.2						
	8	0.0	0.0	0.0						
	Average	0.3	3.6	5.0*	0.0	0.0	0.0	0.0	2.9	3.7
33	1	0.0	13.3	13.3**	0.0	4.4	6.7	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
	3	0.0	0.0	2.2	6.7	6.7	6.7	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	2.2	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	1.9	2.5*	2.2	3.7	4.4	0.0	0.7	0.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
34	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	2.2	0.0	2.2	2.2	0.0	0.0	0.0
	4	0.0	11.1	11.1**						
	5	0.0	4.4	4.4						
	6	0.0	0.0	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.9	2.5*	0.0	0.7	0.7	0.0	0.0	0.0
35	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
	2	0.0	4.4	4.4	0.0	0.0	0.0	0.0	2.2	2.2
	3	0.0	6.7	8.9	0.0	11.1	15.6**	0.0	4.4	4.4
	4	4.4	26.7	26.7						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.6	4.7	5.0*	0.0	3.7	5.2	0.0	2.9	2.9
36	1	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	4.4	4.4	0.0	0.0	2.2
	3	0.0	2.2	6.7**	0.0	0.0	0.0	0.0	2.2	2.2
	4	0.0	4.4	4.4						
	5	0.0	2.2	4.4						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.9*	0.0	2.2	2.2	0.0	0.7	1.5
37	1	8.9	26.7	26.7	6.7	26.7	31.1	6.7	35.6	35.6**
	2	0.0	0.0	0.0	0.0	4.4	4.4	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	2.2	6.7						
	6	0.0	0.0	2.2						
	7	0.0	6.7	6.7						
	8	0.0	0.0	0.0						
	Average	1.1	4.4	5.3*	2.2	10.4	11.8	2.2	11.9	11.9

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6, (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
38	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	6.7	8.9	0.0	4.4	4.4
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4
	4	0.0	0.0	0.0						
	5	0.0	13.3	13.3*						
	6	0.0	0.0	0.0						
	7	2.4	8.9	8.9						
	8	0.0	0.0	0.0						
	Average	0.3	2.8	2.8*	0.0	2.2	3.0	0	2.9	2.9
39	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	4.4	4.4**						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.6	0.8*	0.0	0.0	0.0	0.0	0.0	0.0
40	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	6.7	6.7	6.7	31.1	33.4*	0.0	8.9	8.9
	3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2
	4	0.0	0.0	8.9						
	5	0.0	2.2	2.2						
	6	0.0	2.2	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.4	3.0*	2.2	10.4	11.1	0.0	3.0	3.7
41	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	11.1	15.6**
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
	3	0.0	13.3	13.3	0.0	2.2	4.4	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	2.2	4.4						
	6	2.2	6.7	8.9						
	7	0.0	8.9	11.1						
	8	0.0	0.0	0.0						
	Average	0.3	4.2	5.0*	0.0	0.7	1.5	0.0	4.4	5.9

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6.(Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
42	1	0.0	11.1	13.3**	0.0	2.2	4.4	0.0	8.9	8.9
	2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	2.2	2.2						
	5	0.0	0.0	0.0						
	6	0.0	0.0	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	4.4						
	Average	0.0	1.7	2.8*	0.0	0.7	2.2	0.0	3.0	3.0
43	1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
	2	2.2	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	4.4	4.4	0.0	8.9	8.9**	0.0	2.2	4.4
	4	0.0	4.4	8.9**						
	5	0.0	0.0	4.4						
	6	0.0	0.0	0.0						
	7	0.0	0.0	2.2						
	8	0.0	4.4	4.4						
	Average	0.3	2.5	3.9*	0.0	3.0	3.7	0.0	0.7	1.5
44	1	0.0	2.2	8.9**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	6.7	8.9	8.9**						
	5	0.0	0.0	2.2						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.8	1.4	2.5*	0.0	0.0	0.0	0.0	0.0	0.0
45	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	4.4	4.4	0.0	0.0	0.0	2.2	4.4	4.4
	4	0.0	6.7	8.9**						
	5	0.0	2.2	2.2						
	6	0.0	2.2	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	2.5	3.0*	0.0	0.0	0.0	0.7	1.5	1.5

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
46	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	2.2
	2	0.0	11.1	13.3	4.4	13.3	17.8*	0.0	4.4	11.1
	3	0.0	0.0	2.2	0.0	0.0	2.2	0.0	0.0	0.0
	4	0.0	4.4	4.4						
	5	0.0	2.2	2.2						
	6	0.0	0.0	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	3.0	3.9*	1.5	4.4	6.7	0.0	1.5	4.4
47	1	0.0	0.0	0.0	0.0	6.7	6.7**	0.0	4.4	4.4
	2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	4.4	6.7**						
	5	0.0	0.0	2.2						
	6	0.0	2.2	2.2						
	7	0.0	4.4	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	1.4	2.2*	0.0	2.2	2.2	0.0	1.5	2.2
48	1	0.0	4.4	4.4	0.0	0.0	2.2	0.0	2.2	2.2
	2	0.0	2.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	3	2.2	11.1	13.3**	0.0	0.0	0.0	0.0	2.2	2.2
	4	4.4	6.7	11.1						
	5	0.0	4.4	4.4						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.8	3.6	4.7*	0.0	0.0	0.7	0.0	1.5	1.5
49	1	0.0	0.0	2.2	0.0	0.0	6.7**	0.0	4.4	4.4
	2	0.0	0.0	0.0	0.0	2.2	2.2	0.0	2.2	2.2
	3	0.0	0.0	0.0	0.0	2.2	2.2	0.0	4.4	4.4
	4	0.0	2.2	2.2						
	5	0.0	2.2	2.2						
	6	0.0	0.0	0.0						
	7	0.0	4.4	6.7						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.7*	0.0	1.5	3.7	0.0	3.7	3.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
50	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	4.4	4.4
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	3	0.0	4.4	8.9	0.0	4.4	6.7	0.0	13.3	15.6
	4	0.0	13.3	15.6						
	5	0.0	17.8	17.8**						
	6	0.0	6.7	6.7						
	7	0.0	6.7	11.1						
	8	0.0	0.0	0.0						
	Average	0.0	6.4	7.9*	0.0	1.5	2.2	0.0	5.9	7.4
76	1	0.0	2.2	8.9	0.0	31.1	46.7**	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	4.4	6.7	0.0	6.7	11.1
	3	0.0	0.0	0.0	0.0	0.0	4.4	0.0	2.2	2.2
	4	0.0	2.2	2.2						
	5	0.0	0.0	2.2						
	6	0.0	2.2	2.2						
	7	0.0	2.2	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	2.5*	0.0	11.7	19.3	0.0	3.7	5.2
77	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	2.2	2.2	0.0	4.4	4.4	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	4.4	15.6						
	6	2.2	17.8	17.8						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.3	3.1	4.5*	0.0	1.5	1.5	0.0	0.0	0.0
78	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.4
	2	0.0	4.4	4.4	0.0	4.4	4.4	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	8.9	8.9**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.9	1.9*	0.0	1.5	1.5	0.0	0.7	1.5

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
79	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	48.9	51.2**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	6.1	6.8*	0.0	0.0	0.0	0.0	0.0	0.0
80	1	0.0	2.2	2.2	0.0	2.2	2.2	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2^
	4	0.0	6.7	6.7**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.1*	0.0	0.7	0.7	0.0	0.0	0.7
81	1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	4.4	6.7**
	2	0.0	0.0	2.2	0.0	2.2	2.2	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	2.2	2.2						
	6	0.0	0.0	0.0						
	7	0.0	6.7	6.7**						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.4*	0.0	0.7	1.5	0.0	1.5	2.2
82	1	0.0	4.4	4.4	0.0	2.2	4.4	2.2	13.3	15.6**
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	6.7	8.9	0.0	6.7	6.7
	4	0.0	8.9	8.9						
	5	0.0	8.9	8.9						
	6	0.0	0.0	0.0						
	7	0.0	8.9	8.9						
	8	0.0	0.0	0.0						
	Average	0.0	3.9	3.9*	0.0	3.0	4.4	0.7	6.7	7.4

* Average third cycle delamination of the butt section of the gunstock blanks.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6, (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
83	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
	4	0.0	11.1	11.1**						
	5	0.0	2.2	2.2						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.6	1.9*	0.0	0.0	0.0	0.0	1.5	1.5
84	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
	2	0.0	20.0	20.0**	0.0	0.0	2.2	0.0	2.2	2.2
	3	0.0	15.6	15.6	0.0	4.4	4.4	0.0	2.2	4.4
	4	0.0	2.2	2.2						
	5	4.4	4.4	8.9						
	6.	0.0	0.0	0.0						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.6	5.6	6.5*	0.0	3.7	4.4	0.0	2.2	2.2
85	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	8.9	8.9**						
	5	0.0	0.0	2.2						
	6	0.0	0.0	0.0						
	7	0.0	4.4	8.9**						
	8	0.0	0.0	0.0						
	Average	0.0	1.7	2.5*	0.0	0.0	0.0	0.0	0.7	0.7
86	1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	11.1	11.1**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	6.7	6.7						
	8	0.0	0.0	0.0						
	Average	0.0	2.2	2.2*	0.0	2.2	3.0	0.0	0.7	0.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
87	1	0.0	6.7	6.7	0.0	4.4	4.4	0.0	8.9	8.9
	2	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0
	3	2.2	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	11.5	11.5**						
	5	2.2	4.4	4.4						
	6	0.0	0.0	0.0						
	7	0.0	6.7	6.7						
	8	0.0	0.0	0.0						
	Average	0.5	4.5	4.5*	0.0	2.2	2.2	0.0	3.0	3.0
88	1	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	6.7	6.7	0.0	6.7	6.7	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	4.4	4.4						
	6	0.0	8.9	8.9**						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	3.1	3.3*	0.0	2.2	2.2	0.0	0.0	0.0
89	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	8.9	8.9	0.0	8.9	8.9	0.0	6.7	6.7
	3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
	4	0.0	15.6	20.0**						
	5	0.0	0.0	0.0						
	6	0.0	4.4	4.4						
	7	0.0	4.4	8.9						
	8	0.0	0.0	0.0						
	Average	0.0	4.2	5.3*	0.0	3.0	3.7	0.0	2.2	2.2
90	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	4.4	4.4	0.0	0.0	4.4
	3	0.0	13.3	13.3**	0.0	2.2	4.4	0.0	4.4	4.4
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	2.2	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	2.2	2.5*	0.0	2.2	3.0	0.0	1.5	3.0

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
91	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	4.4	4.4	2.2	6.7	6.7
	3	0.0	2.2	2.2	0.0	2.2	2.2	0.0	2.2	2.2
	4	0.0	17.8	28.9**						
	5	0.0	4.4	4 4						
	6	0.0	0.0	0 0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	3.1	4.4*	0.0	2.2	2.2	0.7	3.0	3.0
92	1	0.0	4.4	11.1**	0.0	4.4	6.7	0.0	6.7	6.7
	2	0.0	4.4	4.4	0.0	0.0	0.0	0.0	4.4	6.7
	3	0.0	0.0	0.0	0.0	11.1	11.1**	0.0	6.7	6.7
	4	0.0	4.4	4.4						
	5	0.0	8.9	8.9						
	6	0.0	0.0	2.2						
	7	0.0	6.7	6.7						
	8	0.0	0.0	0.0						
	Average	0.0	3.6	4.7*	0.0	5.2	5.9	0.0	5.9	6.7
93	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	6.7	6.7**						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.1*	0.0	0.0	0.0	0.0	0.7	1.5
94	1	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0
	2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	4.4	4.4**	0.0	0.0	0.0	0.0	0.0	2.2
	4	0.0	2.2	2.2						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.8	1.1*	0.0	0.7	0.7	0.0	0.0	0.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
95	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	46.7	51.1	53.4**						
	5	0.0	6.7	13.3						
	6	0.0	2.2	2.2						
	7	0.0	6.7	6.7						
	8	0.0	0.0	0.0						
	Average	5.8	8.3	10.0*	0.0	0.0	0.0	0.0	0.0	0.0
96	1	0.0	13.3	13.3**	0.0	4.4	4.4	0.0	11.1	13.3**
	2	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	8.9	8.9						
	5	0.0	0.0	0.0						
	6	0.0	2.2	2.2						
	7	0.0	8.9	8.9						
	8	0.0	0.0	0.0						
	Average	0.0	4.2	4.4*	0.0	1.5	1.5	0.0	3.7	4.4
97	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	2.2	2.2	0.0	6.7	6.7
	4	6.7	8.9	8.9**						
	5	0.0	0.0	0.0						
	6	0.0	4.4	4.4						
	7	0.0	2.2	2.2						
	8	0.0	0.0	0.0						
	Average	0.8	1.9	1.9*	0.0	0.7	0.7	0.0	2.2	2.2
98	1	0.0	2.2	2.2	0.0	0.0	0.0	4.4	11.1	13.3
	2	2.2	20.0	22.2**	0.0	2.2	2.2	0.0	2.2	2.2
	3	0.0	0.0	0.0	0.0	0.0	0.0	4.4	6.7	6.7
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.3	2.8	3.1*	0.0	0.7	0.7	2.9	6.7	7.4

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
99	1	0.0	2.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	2.2	2.2	0.0	2.2	2.2
	3	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	8.9	13.3**						
	5	0.0	6.7	6.7						
	6	0.0	4.4	6.7						
	7	0.0	0.0	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	3.3	5.0*	0.0	0.7	0.7	0.0	0.7	0.7
100	1	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	6.7	6.7	0.0	4.4	4.4	0.0	0.0	0.0
	4	0.0	20.0	20.0**						
	5	0.0	0.0	2.2						
	6	0.0	2.2	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	4.2	5.0*	0.0	1.5	1.5	0.0	0.0	0.0
126	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	2.2	8.9	8.9	0.0	0.0	0.0	0.0	0.0	2.2
	3	4.4	15.6	15.6**	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	2.2						
	5	0.0	0.0	0.0						
	6	0.0	4.4	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.8	4.1	4.4*	0.0	0.0	0.0	0.0	0.0	0.7
127	1	11.1	24.5	24.5	2.2	6.7	6.7	2.2	26.7	28.9**
	2	0.0	4.4	6.6	0.0	4.4	6.7	0.0	2.2	2.2
	3	0.0	0.0	2.2	0.0	2.2	4.4	0.0	6.7	13.4
	4	0.0	0.0	0.0						
	5	0.0	8.9	11.1						
	6	[illegible]	[illegible]	[illegible]						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	1.5	4.7	5.6*	0.7	4.4	5.9	0.7	11.9	14.6

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
128	1	0.0	0.0	2.2	0.0	2.2	2.2	0.0	11.1	11.1**
	2	0.0	6.7	8.9	0.0	6.7	6.7	0.0	0.0	0.0
	3	0.0	6.7	8.9	0.0	4.4	4.4	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	2.2	11.1	11.1						
	6	0.0	2.2	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.7	3.3	4.2*	0.0	4.4	4.4	0.0	3.7	3.7
129	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	8.9
	2	0.0	4.4	4.4	4.4	15.6	17.8	2.2	42.3	44.5
	3	0.0	0.0	4.4	0.0	0.0	0.0	0.0	2.2	2.2
	4	0.2	13.3	13.3						
	5	0.0	4.4	6.7						
	6	0.0	2.2	2.2						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.3	3.0	4.2*	1.5	5.2	5.9	0.7	17.1	18.5
130	1	0.0	0.0	0.0	2.2	11.1	11.1	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	13.3	35.6	35.6**	0.0	22.2	26.6	0.0	15.6	28.6
	4	0.0	0.0	0.0						
	5	0.0	0.0	2.2						
	6	0.0	0.0	0.0						
	7	2.2	8.9	10.1						
	8	0.0	0.0	0.0						
	Average	1.9	5.9	6.0*	0.7	11.1	12.6	0.0	5.2	9.5
131	1	0.0	4.4	6.7	0.0	6.7	6.7	0.0	0.0	2.2
	2	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	4	0.0	0.0	2.2						
	5	0.0	6.7	8.9						
	6	0.0	17.8	20.0**						
	7	0.0	8.9	13.1						
	8	0.0	0.0	0.0						
	Average	0.0	5.0	6.6*	0.0	2.2	2.2	0.0	0.0	1.5

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
132	1	0.0	8.9	8.9	0.0	2.2	2.2	0.0	0.0	0.0
	2	0.0	15.6	15.6**	0.0	8.9	8.9	0.0	8.9	8.9
	3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	6.7	6.7						
	6	0.0	0.0	0.0						
	7	0.0	0.0	15.4						
	8	0.0	0.0	0.0						
	Average	0.0	3.9	6.1*	0.0	3.7	3.7	0.0	3.0	3.0
133	1	0.0	6.7	8.9	0.0	0.0	4.4	2.2	20.0	28.8**
	2	0.0	6.7	6.7	0.0	0.0	0.0	0.0	2.2	0.0
	3	0.0	2.2	2.2	0.0	2.2	4.4	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	2.2						
	6	0.0	0.0	0.0						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	2.0	2.8*	0.0	0.7	2.9	0.7	7.4	9.6
134	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	2.2	2.2	0.0	4.4	4.4	0.0	4.4	4.4
	3	0.0	4.4	6.7	0.0	11.1	11.1	0.0	11.1	13.3
	4	2.2	17.8	17.8*						
	5	0.0	0.0	0.0						
	6	0.0	6.7	6.7						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.3	4.2	4.4*	0.0	5.2	5.2	0.0	5.2	5.9
135	1	2.2	37.8	42.2**	15.6	33.3	44.4	4.4	17.8	17.8
	2	4.4	22.2	24.4	2.2	8.9	8.9	2.2	13.3	13.3
	3	0.0	15.6	15.6	0.0	4.4	6.7	0.0	0.0	0.0
	4	0.0	33.3	33.3						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.8	13.6	14.4*	5.9	15.5	20.0	2.2	10.4	10.4

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
136	1	0.0	0.0	0.0	0.0	2.2	2.2	0.0	2.2	2.2
	2	0.0	4.4	4.4	0.0	0.0	0.0	0.0	8.9	8.9**
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	4	0.0	0.0	0.0						
	5	0.0	4.4	2.2						
	6	0.0	0.0	0.0						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.1*	0.0	0.7	0.7	0.0	3.7	4.4
137	1	0.0	0.0	15.6**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	2.2	0.0	0.0	2.2	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	6.7	6.7						
	5	0.0	13.3	13.3						
	6	0.0	11.1	11.1						
	7	0.0	0.0	6.7						
	8	0.0	0.0	0.0						
	Average	0.0	3.9	7.0*	0.0	0.0	0.7	0.0	0.0	0.0
138	1	0.0	4.4	4.4	0.0	0.0	0.0	0.0	13.3	13.3
	2	0.0	13.3	13.3	2.2	15.6	15.6	2.2	13.3	13.3
	3	4.4	11.1	11.1	0.0	4.4	4.4	0.0	13.3	13.3
	4	0.0	22.2	22.2**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	4.4						
	Average	0.6	6.4	6.9*	0.7	6.7	6.7	0.7	13.3	13.3
139	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	4.4	4.4	0.0	4.4	4.4	0.0	4.4	6.7
	3	0.0	0.0	2.2	4.4	31.1	35.6	0.0	4.4	4.4
	4	0.0	4.4	4.4						
	5	0.0	0.0	0.0						
	6	4.4	35.6	35.6**						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.6	5.6	6.1*	1.5	11.8	13.3	0.0	3.0	3.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
140	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	2.2	2.2	0.0	0.0	0.0	0.0	11.1	11.1
	3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.2
	4	0.0	4.4	6.7						
	5	0.0	0.0	8.9						
	6	0.0	4.4	4.4						
	7	0.0	4.4	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	1.9	3.3*	0.0	0.0	0.7	0.0	3.7	4.4
141	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	4.4	4.4
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	13.3**
	4	0.0	0.0	0.0						
	5	4.4	4.4	4.4						
	6	0.0	2.2	2.2						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.5	0.8	1.1*	0.0	0.0	0.7	0.0	6.6	6.6
142	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	2.2	2.2						
	5	0.0	8.9	8.9						
	6	0.0	0.0	0.0						
	7	6.7	28.9	28.9**						
	8	0.0	0.0	0.0						
	Average	0.8	5.5	5.5*	0.0	0.0	0.0	0.0	0.0	0.0
143	1	0.0	0.0	0.0	0.0	4.4	4.4	0.0	4.4	4.4
	2	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	8.9	8.9						
	5	0.0	6.7	11.1**						
	6	0.0	0.0	0.0						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	2.2	3.1*	0.0	1.5	1.5	0.0	1.5	1.5

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
144	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	8.9	8.9	0.0	0.0	0.0
	3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	4.4
	4	0.0	8.9	8.9						
	5	0.0	11.1	11.1**						
	6	0.0	2.2	2.2						
	7	0.0	11.1	11.1**						
	8	0.0	0.0	0.0						
	Average	0.0	4.2	4.4*	0.0	3.0	3.0	0.0	0.0	1.5
145	1	0.0	2.2	2.2	0.0	2.2	2.2	0.0	0.0	0.0
	2	2.2	6.7	6.7	0.0	11.1	15.6**	0.0	0.0	4.4
	3	0.0	8.9	8.9	0.0	2.2	2.2	0.0	0.0	4.4
	4	0.0	0.0	0.0						
	5	0.0	0.0	2.2						
	6	0.0	4.4	6.7						
	7	0.0	4.4	4.4						
	8	0.0	0.0	0.0						
	Average	0.3	3.3	3.9*	0.0	5.2	6.7	0.0	0.0	3.0
146	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	13.3	13.3
	2	0.0	0.0	0.0	0.0	2.2	2.2	0.0	15.6	20.0**
	3	0.0	0.0	0.0	0.0	8.9	8.9	0.0	4.4	4.4
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	4.4	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.5	0.8*	0.0	3.7	3.7	0.0	11.1	12.6
147	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	2	0.0	2.2	6.7	0.0	0.0	4.4	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	6.7
	4	2.2	8.9	8.9						
	5	0.0	15.6	15.6**						
	6	0.0	0.0	0.0						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.3	3.3	4.2*	0.0	0.0	1.5	0.0	1.5	3.0

* Average third cycle delamination of the butt section of the gunstock blank..

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
148	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	4.4	6.7	0.0	2.2	2.2
	3	0.0	0.0	0.0	0.0	2.2	2.2	0.0	6.7	6.7
	4	0.0	4.4	4.4						
	5	0.0	0.0	0.0						
	6	0.0	6.7	6.7						
	7	0.0	8.9	8.9**						
	8	0.0	0.0	0.0						
	Average	0.0	2.5	2.8*	0.0	2.2	3.0	0.0	3.7	3.7
149	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	2	0.0	0.0	0.0	0.0	4.4	4.4	0.0	0.0	4.4
	3	2.2	6.7	6.7	0.0	15.6	17.9	4.4	17.8	17.8
	4	0.0	6.7	6.7						
	5	0.0	0.0	2.2						
	6	0.0	28.9	28.9**						
	7	2.2	8.9	8.9						
	8	0.0	0.0	0.0						
	Average	0.5	6.4	6.7*	0.0	6.7	7.4	1.5	5.9	8.1
150	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	4.4	4.4	0.0	0.0	0.0	0.0	4.4	4.4
	4	0.0	4.4	6.7						
	5	0.0	20.0	20.0**						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	3.6	4.2*	0.0	0.0	0.0	0.0	1.5	1.5
176	1	0.0	0.0	0.0	0.0	0.0	0.0	4.4	8.9	8.9
	2	2.2	4.4	6.7	0.0	11.1	17.8	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	2.2
	4	13.3	17.8	20.0**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	1.9	2.8	3.3*	0.0	4.4	6.7	1.5	3.0	3.7

* Average third cycle delamination of the butt section of the gunstock blank..

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6,(Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	Section 1 Cycle No. 2	Section 1 Cycle No. 3	Section 3 Cycle No. 1	Section 3 Cycle No. 2	Section 3 Cycle No. 3	Section 5 Cycle No. 1	Section 5 Cycle No. 2	Section 5 Cycle No. 3
177	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	4.4	4.4**	0.0	4.4	4.4**
	3	0.0	2.2	2.2	0.0	4.4	4.4**	0.0	2.2	4.4**
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	4.4	4.4**						
	8	0.0	0.0	0.0						
	Average	0.0	0.8	0.8*	0.0	2.9	2.9	0.0	2.2	3.0
178	1	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	8.9**
	2	0.0	0.0	0.0	0.0	4.4	4.4	0.0	4.4	6.7
	3	0.0	0.0	2.2	0.0	0.0	2.2	0.0	2.2	4.4
	4	0.0	0.0	0.0						
	5	0.0	2.2	2.2						
	6	0.0	0.0	0.0						
	7	2.2	2.2	4.4						
	8	0.0	0.0	0.0						
	Average	0.3	0.6	1.1*	0.0	1.5	3.7	0.0	2.2	6.7
179	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	11.1	13.3	0.0	2.2	4.4	0.0	26.7	26.7**
	3	0.0	8.9	13.3	0.0	13.3	20.0	0.0	0.0	0.0
	4	4.4	4.4	6.7						
	5	0.0	4.4	6.7						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.5	3.6	5.3*	0.0	5.2	8.1	0.0	8.9	8.9
180	1	17.8	31.1	37.8**	0.0	2.2	2.2	0.0	2.2	4.4
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	6.7
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	4.4	13.3	17.8						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	2.8	5.5	7.0	0.0	0.7	0.7	0.0	2.2	3.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
181	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2
	2	0.0	2.2	2.2	13.3	42.2	44.4	6.7	20.0	22.2**
	3	2.2	8.9	11.1	2.2	4.4	4.4	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	8.9	8.9						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.3	2.5	2.9*	5.2	15.5	16.3	2.2	6.7	8.1
182	1	4.4	11.1	11.1	0.0	0.0	4.4	0.0	6.7	8.9
	2	0.0	2.2	2.2	2.2	13.3	13.3**	4.4	6.7	6.7
	3	0.0	0.0	2.2	0.0	0.0	4.4	0.0	0.0	2.2
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	4.4	4.4	6.7						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	1.1	2.2	2.8*	0.7	4.4	7.4	1.5	4.4	5.9
183	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	8.9	13.3	13.3*	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	4.4	8.9	0.0	0.0	4.4
	4	0.0	0.0	0.0						
	5	2.2	2.2	4.4						
	6	2.2	4.4	4.4						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	1.7	2.2	2.8*	0.0	1.5	3.0	0.0	0.0	1.5
184	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	2	4.4	13.3	13.3**	0.0	0.0	4.4	0.0	4.4	4.4
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	4.4						
	Average	0.5	1.7	2.2*	0.0	0.0	1.5	0.0	1.5	2.2

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
185	1	0.0	0.0	2.2**	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	2.2**						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.0	0.5*	0.0	0.0	0.0	0.0	0.0	0.0
186	1	2.2	11.1	20.0	6.7	15.6	31.1**	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	2.2	4.4	0.0	8.9	11.1
	3	0.0	2.2	2.2	0.0	0.0	4.4	0.0	8.9	8.9
	4	0.0	2.2	2.2						
	5	2.2	6.7	6.7						
	6	2.2	6.7	6.7						
	7	2.2	6.7	11.1						
	8	0.0	0.0	0.0						
	Average	1.1	4.5	6.1*	2.2	5.9	13.3	0.0	5.9	7.3
187	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	17.8	31.1**	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	2.2						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.0	0.3*	0.0	5.9	10.4	0.0	0.0	0.0
188	1	0.0	4.4	4.4	0.0	0.0	0.0	0.0	2.2	2.2
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	6.7	22.2**						
	6	0.0	2.2	6.7						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	1.6	4.4*	0.0	0.0	0.7	0.0	0.7	0.7

* Average third cycle delamination of the butt section of the gunstock blank..

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
189	1	0.0	0.0	0.0	0.0.	2.2	2.2	0.0	0.0	0.0
	2	0.0	2.2	4.4**	0.0	0.0	0.0	0.0	4.4	4.4
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	2.2						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.0	0.3	1.1*	0.0	0.7	0.7	0.0	1.5	1.5
190	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	2.2**						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.0	0.3*	0.0	0.0	0.0	0.0	0.0	0.0
191	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	2.2	0.0	0.0	2.2	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	4.4						
	6	0.0	20.0	24.5***						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	2.5	3.9*	0.0	0.0	0.7	0.0	0.0	0.0
192	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.7**
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	6.7	6.7**						
	6	0.0	0.0	0.0						
	7	0.0	0.0	4.4						
	8	0.0	0.0	0.0						
	Average	0.0	0.9	1.6*	0.0	0.0	0.0	0.0	2.2	2.2

* Average third cycle delamination of the butt section of the gunstock blank..

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Continued)

Blank	Glue Line	Section 1 Cycle No.			Section 3 Cycle No.			Section 5 Cycle No.		
		1	2	3	1	2	3	1	2	3
193	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	15.6	17.8
	2	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	26.7**
	4	0.0	0.0	0.0						
	5	0.0	11.1	11.1						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.4	1.7*	0.0	0.7	0.7	0.0	9.6	14.8
194	1	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	2	2.2	8.9	8.9	0.0	4.4	4.4	2.2	6.7	6.7
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
	4	0.0	2.2	6.7						
	5	0.0	11.1	15.6**						
	6	0.0	4.4	4.4						
	7	0.0	0.0	2.2						
	8	0.0	0.0	0.0						
	Average	0.3	3.3	4.9*	0.0	1.5	1.5	0.7	2.2	4.4
195	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	2.2	2.2	0.0	4.4	8.9**	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	2.2	2.2						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.5	0.5*	0.0	1.5	3.0	0.0	0.0	0.0
196	1	0.0	2.2	2.2	0.0	4.4	8.9	0.0	4.4	4.4
	2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	4.4	6.7
	3	0.0	2.2	4.4	0.0	2.2	2.2	0.0	0.0	2.2
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	8.9	15.6**						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.7	2.8*	0.0	2.2	4.4	0.0	2.9	4.4

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 6 (Concluded)

Blank No.	Glue Line No.	Section 1 Cycle No. 1	2	3	Section 3 Cycle No. 1	2	3	Section 5 Cycle No. 1	2	3
197	1	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	2.2
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9**
	3	0.0	2.2	2.2	0.0	2.2	2.2	0.0	0.0	2.2
	4	0.0	0.0	0.0						
	5	0.0	4.4	4.4						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.1*	0.0	0.7	0.7	0.0	0.0	4.4
198	1	0.0	2.2	4.4**	0.0	2.2	2.2	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	0.3	0.5*	0.0	1.5	1.5	0.0	0.0	0.0
199	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	17.8	17.8*						
	6	0.0	0.0	0.0						
	7	0.0	0.0	0.0						
	8	0.0	0.0	0.0						
	Average	0.0	2.2	2.2*	0.0	0.0	0.0	0.0	0.0	0.0
200	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0						
	5	0.0	0.0	0.0						
	6	0.0	0.0	0.0						
	7	0.0	6.7	6.7**						
	8	0.0	0.0	0.0						
	Average	0.0	1.1	1.1*	0.0	0.0	0.0	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 7, Percentage of Wood Failure Values of the Edge Joints of the Type B Gunstock Blanks

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure,%	Section No. 3 Wood Failure,%	Section No. 5 Wood Failure,%	Average of the Butt Section Wood Failure,%
1	1	1	100	85	100	91
		2	95			
		3	100			
	2	1	100	90	80	
		2	70*			
	3	1	100			
		2	70*			
2	1	1	100	100		74
	2	1	70	90	95	
		2	60	90		
		3	90			
	3	1	100	90		
		2	40*	100		
		3	60			
3	1	1	90	90		83
		2	70			
	2	1	100	70		
		2	100			
	3	1	25*	70	100	
		2	100	70		
		3	95			
4	1	1	70	90	60*	84
		2	100			
	2	1	90	95		
		2	80			
	3	1	80	90	95	
5	1	1	80	100	90	93
		2	95			
	2	1	80	90	50	
		2	100			
	3	1	100	40*	100	
		2	100			
6	1	1	90	100	90	95
		2	100	100		
	2	1	100	100	90	
		2	100	100		
	3	1	80*	100	100	
		2	100			
7	1	1	80	70*	70*	92
		2	100			
	2	1	100	100	100	
		2	70*			
	3	1	100	70*		
		2	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
8	1	1	100	80		88
		2	100	100		
		3	90			
	2	1	70	85	100	
		2	100			
	3	1	100	80	100	
		2	40*	100		
		3	100			
9	1	1	70	90		70
		2	100			
	2	1	80			
	3	1	60	90	100	
		2	50*	85		
		3	60			
10	1	1	100	70*	95	94
		2	100	70*		
		3	70*			
	2	1	90	90	90	
		2	100			
	3	1	100			
		2	100			
11	1	1	100	75	70*	92
		2	80			
	2	1	100	100	75	
	3	1	90			
12	1	1	80		100	88
	2	1	100	100	100	
		2	60			
	3	1	100	100	25*	
		2	100	70		
13	1	1	100	100	100	77
		2	90	100		
		3	100			
	2	1	30*	100	100	
		2	50	70		
	3	1	90			
14	1	1	90	50*	80	96
		2	100	100		
	2	1	100	90	60	
		2	90	80		
	3	1	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
15	1	1	60*	70	100	88
		2	80	60		
	2	1	100	90	100	
		2	90			
	3	1	100	90		
		2	95			
16	1	1	100	100	100	93
		2	100	100		
	2	1	100	90	80	
	3	1	95	100	100	
		2	70*	100		
17	2	1	100	100	100	99
		2	100	80*		
		3	100			
	3	1	100	85	100	
		2	95			
18	1	1	100	100	95	100
	2	1	100	100		
		2	100	60*		
		3	100			
	3	1	100	80	70	
		2	100			
19	1	1	95	70*		88
	2	1	80	70*	90	
		2	90	80		
	3	1	90	100	90	
20	1	1	100	100	100	81
		2	90			
	2	1	100	95	100	
		2	60			
	3	1	85	70	95	
		2	50*			
21	1	1	90	80	70*	87
	2	1	100	80	70*	
		2	70*			
	3	1	70*	100	100	
		2	90	80		
		3	100			
22	1	1	100	50*	100	85
		2	70	60		
	2	1	100	60	70	
		2	90			
	3	1	80	100	90	
		2	70			
23	1	1	100	100	85*	98
		2	100			
	2	1	90			
	3	1	100	100		

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
24	1	1	90	100	100	90
		2	100	100		
		3	90			
	2	1	90	100		
		2	70*			
	3	1	90	90	100	
		2	100			
25	1	1	90*	90*	95	96
		2	100	95		
	2	1	95	100		
	3	1	100			
51	1	1	100	85	100	91
		2	95			
		3	100			
	2	1	100	90	80	
		2	70*			
	3	1	100	90		
		2	70*			
52	1	1	100	100	100	100
		2	100	90		
	2	1	100	100	95	
		2	100	100		
	3	1	100	80*		
		2	100			
53	1	1	95	100	100	94
		2	95			
		3	100			
	2	1	100	90	90	
		2	80*			
	3	1	95	100	90	
		2	95			
54	1	1	95	85	45*	91
	2	1	95	90		
		2	70			
	3	1	100	100		
		2	95			
55	1	1	100	100	50*	97
		2	95	100		
		3	95			
	2	1	100	90	95	
		2	100			
	3	1	100	100	95	
56	1	1	95	100	90	89
		2	75	90		
	2	1	100	100	95	
		2	70*			
	3	1	100	90	100	
		2	95			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
57	1	1	100	90	100	96
		2	95	95		
		3	100			
	2	1	95	100		
		2	100			
	3	1	85*	85*	100	
		2	100	95		
58	1	1	100	95		79
		2	95	100		
		3	100			
	2	1	100	100	100	
		2	60	95		
		3	60			
	3	1	50*	100	80	
		2	70			
		3	80			
59	1	1	30*	100	100	83
	2	1	100	100	100	
		2	90	90		
		3	100	90		
	3	1	100			
60	1	1	100	100	100	98
		2	100			
	2	1	100	100		
	3	1	90*	100	100	
61	1	1	100	100	95	97
		2	90			
	2	1	100	90		
	3	1	100	80*	100	
		2	100	100		
		3	100			
62	1	1	95	100	85	98
		2	85			
	2	1	100	80*	100	
	3	1	100	100	95	
		2	100			
63	1	1	70*	100	100	84
		2	75			
	2	1	70	100	100	
		2	90			
	3	1	100	85	95	
		2	90			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
64	1	1	100	60	40*	85
		2	70	100		
	2	1	70	70	100	
		3	100			
65	1	1	95	100	100	84
		2	50*	85		
		3	60			
	2	1	90	100	80	
		2	100	85		
	3	1	100	80	85	
		2	90	85		
66	1	1	100	100		98
		2	100			
	2	1	100	90		
		2	100			
	3	1	95	80*		
		2	90			
67	1	1	60	100	100	70
		2	50*	100		
		3	80			
	2	1	70	100	100	
	3	1	90			
68	1	1	85	40*	95	88
		2	100			
	2	1	50	100	100	
		2	95	100		
		3	100			
	3	1	100	100	85	
		2	95	90		
		3	80			
69	1	1	100	80*	100	91
	2	1	80*	100	90	
		2	85			
	3	1	90	85	85	
		2	100			
70	1	1	95	50	95	79
		2	40*	40*		
		3	70			
	2	1	70	100	90	
		2	95	90		
		3	95			
	3	1	85	100	95	

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
71	1	1	100	90	90	81
		2	40			
	2	1	100	30*	90	
		2	40	100		
		3	100			
	3	1	90	100	90	
		2	90	100		
		3	90			
72	1	1	80			94
		2	95			
	2	1	100	50*	70	
		2	90	90		
		3	90			
	3	1	100	100	80	
		2	95	100		
		3	100			
73	1	1	90	90	100	86
		2	95			
	2	1	80	75		
		2	65	70		
		3	95			
	3	1	100	70	100	
		2	100	90		
		3	60*			
74	1	1	60	100		66
	2	1	60	70	100	
		2	90	50		
		3	40*			
	3	1	90	90	100	
		2	40*	90		
		3	100			
75	1	1	65	40*	100	92
		2	100	100		
		3	100			
	2	1	100	90	75	
		2	100	100		
	3	1	90	100	100	
		2	90	80		
		3	90			
101	1	1	100	100	100	83
		2	100			
	2	1	95	95		
		2	70			
		3	95			
	3	1	80	80	90	
		2	20*			
		3	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
102	1	1	100	100		80
		2	100			
	2	1	85	90	100	
		2	95	100		
	3	1	80	70*	100	
		2	80	95		
		3	100			
103	1	1	75	50	90	83
		2	95	90		
		3	100	90		
	2	1	90	100	80	
		2	80	100		
	3	1	95	100	100	
		2	90	80		
		3	40*			
104	1	1	95	100	100	91
	2	1	95	100	90	
		2	100	90	100	
	3	1	100	90		
		2	65*			
105	1	1	95	100	100	93
		2	100			
	2	1	100	90	100	
		2	100			
	3	1	70*			
106	1	1	100	70	100	83
		2	35*			
	2	1	100	100	100	
		2	70	100		
	3	1	100	95		
		2	90			
107	1	1	100	95	100	91
		2	75			
	2	1	95	100	100	
		2	100	100		
		3	100			
	3	1	100	70*		
		2	80			
108	1	1	100	100	100	99
		2	100			
	2	1	95*	100		
		2	100			
	3	1	100	100	95*	
		2	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
109	1	1	85	100		89
		2	80			
	2	1	100	90		
		2	100			
	3	1	80	70*	70*	
		2	90			
110	1	1	100	100	100	94
		2	100	50*		
		3	100			
	2	1	100	95	80	
		2	70	100		
		3	100			
	3	1	85	100	80	
		2	95	90		
		3	100			
111	1	1	75	95	100	91
	2	1	90	100	95	
		2	100	100		
		3	100			
	3	1	100	100	100	
		2	95	95		
		3	75*			
112	1	1	100	95		86
		2	100			
	2	1	100	70	90	
		2	100	90		
	3	1	100	90		
		2	15*			
113	1	1	100	90	90	96
		2	90	95		
		3	100			
	2	1	80	75*	100	
		2	100			
	3	1	100	100		
		2	100			
114	1	1	100	100	70*	95
		2	95	100	95	
		3	100			
	2	1	100	95	100	
		2	95			
	3	1	80	90		
		2	95			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
115	1	1	100	100	100	85
		2	100	90		
		3	60*			
	2	1	70	100		
		2	95			
	3	1	95	100	90	
		2	100	85	100	
		3	60*			
116	1	1	80*			98
	2	1	100	100		
		2	100			
	3	1	100	100	90	
		2	100	80*		
117	1	1	35*	60		90
		2	100			
	2	1	100	100		
		2	100			
	3	1	95	80	95	
		2	100			
		3	100			
118	1	1	100	80		93
		2	75*			
	2	1	95	100	80	
		2	90			
	3	1	95	100	80	
		2	100			
119	1	1	95	70*		99
	2	1	100	95	95	
		2	100	80		
	3	1	100	95	100	
		2	100	100		
120	1	1	80	90	100	84
		2	100			
	2	1	100	100		
		2	40*			
	3	1	90	85	100	
		2	95			
121	1	1	85	70*	80	95
		2	90			
	2	1	100	80		
	3	1	100	90	100	
		2	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
122	1	1	100	100		90
		2	100	100		
		3	50*			
	2	1	100			
	3	1	100	100		
		2	90			
123	1	1	100	90	90	91
		2	90			
	2	1	95	95		
		2	100			
	3	1	70*	100	95	
124	1	1	90	70*	70*	98
		2	100			
	2	1	100	95		
	3	1	100	100	100	
125	1	1	70	20*	100	95
		2	100	70		
	2	1	100	100	100	
		2	100			
	3	1	100	95	95	
		2	95	80		
		3	100			
151	1	1	95	100	90	84
		2	80	90		
		3	100			
	2	1	70*	95		
	3	1	80	80		
		2	80			
152	1	1	95	100	85	75
		2	100			
	2	1	90	95	25*	
		2	90	100		
		3	100			
153	1	1	70*	100	100	89
		2	80			
	2	1	80	90	100	
		2	90	90		
		3	100			
	3	1	100	100	100	
		2	100			
154	1	1	100	100		90
		2	100			
	3	1	60	30*	30*	
		2	100	100		

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
155	1	1	95	95	75*	95
		2	100	95		
	2	1	90	100		
	3	1	100	100	100	
		2	90			
156	1	1	95	100	100	99
		2	100			
	2	1	100	100	85	
		2	90	90		
	3	1	100	80	70*	
157	1	1	60	100		70
		2	50*			
	2	1	80	100	100	
		2	100	100		
	3	1	60	95	90	
158	1	1	95	95	70	96
		2	90	100		
		3	90			
	2	1	100	90	85	
		2	90	100		
		3	100			
	3	1	100	100	50*	
		2	100			
159	1	1	100	100		94
		2	100			
	2	1	80*	95		
		2	100			
	3	1	90	100		
160	1	1	100	90		95
		2	80*			
	2	1	100	100		
	3	1	100	80*	90	
161	1	1	80*	90	90	92
		2	80*	100		
		3	100			
	2	1	80*	80*	100	
		2	95	80*		
		3	100			
	3	1	95	90	85	
		2	100	100		
		3	95	100		
162	1	1	100	100	85	90
		2	80	100		
		3	90			
	2	1	70*	85	100	
		2	100			
		3	80			
	3	1	90		100	
		2	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
163	1	1	90	100		90
	2	1	90	100	95	
		2	90	100		
		3	75*			
	3	1	90	100		
		2	100	100		
		3	95			
164	1	1	90	100	100	98
		2	95			
	2	1	100	100		
		2	100			
	3	1	100	100	85	
		2	100	100		
		3	100			
165	1	1	100	95		96
		2	100			
	2	1	65*			
		2	100	95		
		3	100			
	3	1	100	90	75	
		2	100	100		
		3	100			
166	1	1	85	50*	70	98
		2	100	90		
		3	100			
	2	1	100	95		
	3	1	100	65	100	
		2	100			
167	1	1	95	95		97
		2	100			
	2	1	100	100	100	
		2	80	80	85	
		3	100			
	3	1	100	75*		
		2	100			
168	1	1	95	95	100	94
		2	100	95		
	2	1	75*	100	85	
		2	95	95		
	3	1	100	95	95	
		2	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 7 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
169	1	1	100	100	100	91
		2	100	95		
		3	95			
	2	1	80	80	100	
	3	1	90	65*	95	
		2	80	85		
170	1	1	85	90	90	89
		2	100	95		
		3	60*			
	2	1	90			
	3	1	100	100	100	
		2	90			
		3	100			
171	1	1	80*	95	100	94
		2	100	100		
		3	100			
	2	1	100	100	100	
		2	100			
	3	1	85	90	100	
172	1	1	100	100		98
		2	95*			
	2	1	95*			
		2	100			
	3	1	100	100		
		2	95*			
173	1	1	50*	80		84
	2	1	95	50*	100	
	3	1	90	100	100	
		2	100	100		
174	1	1	95	80	100	98
		2	100			
	2	1	100	95	50*	
		2	100			
	3	1	95	100		
		2	100			
175	1	1	100	100		97
		2	100			
	2	1	95	100	100	
		2	90	80*	100	
		3	100			
	3	1	95	100	90	
		2	100	100		
		3	95			

* Lowest wood failure value(s) in each gunstock blank.

Table 8 Percentage of Wood Failure Values of the Edge Joints of the Type C, Class 1 Gunstock Blanks.

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure,%	Section No. 3 Wood Failure,%	Section No. 5 Wood Failure,%	Average of the Butt Section Wood Failure,%
26	1	1	65	90	100	
	2	1	95	90	100	
	3	1	90	95	60	
	4	1	90	100	90	
	5	1	50			77
	6	1	85			
	7	1	95			
	8	1	40*			
	9	1	80			
32	1	1	75*	100	95	
	2	1	90	100	80	84
	3	1	90	80	80	
	4	1	100	100	100	
33	1	1	100	100	100	
	2	1	100	100	95	
	3	1	100	90	90	
	4	1	95	90	100	
	5	1	100			98
	6	1	100			
	7	1	85*			
	8	1	100			
	9	1	100			
36	1	1	100	70	90	
	2	1	90	70	80	
	3	1	100	100	90	
	4	1	70	70	100	
	5	1	65*			89
	6	1	100			
	7	1	80			
	8	1	100			
	9	1	95			
41	1	1	95	60	90	
	2	1	100	100	95	
	3	1	95	50*	50*	
	4	1	100	70	90	98
	5	1	95			
	6	1	95			
	7	1	100			
	8	1	100			
	9	1	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 8 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
42	2	1	100	70*	100	100
43	1	1	100	75	85	
	2	1	100	100	100	
	3	1	90	70	100	
	4	1	60*	70	70	94
	5	1	100	60*		
	6	1	95			
	7	1	100			
	8	1	100			
	9	1	100			
49	2	1	100	100	70*	
	3	1	100	100	95	
	4	1	95	100	80	98
	5	1	95			
	6	1	95			
	7	1	100			
	8	1	95			
	9	1	100			
50	1	1	95	60	75	
	2	1	90	100	90	
	3	1	100	90	95	
	4	1	100	100	25*	96
	5	1	95	80		
	6	1	95			
	7	1	100			
	8	1	95			
	9	1	95			
86	1	1	100	85	100	
	2	1	15*	90	50	
	3	1	100	100	100	
	4	1	45	100	70	
	5	1	90	70		80
		2	50			
	6	1	100			
	7	1	100			
	8	1	100			
	9		100			

* Lowest wood failure value(s) in each gunstock blank.

Table 8 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure, %	Section No. 3 Wood Failure, %	Section No. 5 Wood Failure, %	Average of the Butt Section Wood Failure, %
87	1	1	80	100	100	
	2	1	95	100	100	
	3	1	75	100	90	
	4	1	90	90	100	
	5	1	80	80		80
		2	55*			
	6	1	90			
	7	1	95			
	8	1	80			
	9	1	60			
88	1	1	80	90	90	
	2	1	85	70*	100	
	3	1	95	100	90	
	4	1	90	80	90	
	5	1	100	100		89
		2	80			
	6	1	95			
	7	1	90			
	8	1	100			
	9	1	75			
92	1	1	100	80*	80*	
	2	1	90	90	95	
	3	1	100	100	90	
	4	1	100	90	100	
	5	1	70	100		95
		2	90			
	6	1	90			
	7	1	90			
	8	1	100			
	9	1	100			
129	1	1	100	80	100	
	2	1	80	100	60	
	3	1	40	100	100	
	4	1	100	100	80	
	5	1	65	100		79
	6	1	100			
	7	1	30*			
	8	1	95			
	9	1	100			

* Lowest wood failure value(s) in each gunstock blank.

Table 8 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure,%	Section No. 3 Wood Failure,%	Section No. 5 Wood Failure,%	Average of the Butt Section Wood Failure,%
131	5	1	90			
	6	1	100			
	7	1	90			93
	8	1	85*			
	9	1	100			
136	5	1	100			
	6	1	100			
	7	1	100			95
	8	1	95			
	9	1	80*			
137	5	1	100			
	6	1	100			
	7	1	90*			97
	8	1	95			
	9	1	100			
140	1	1	100	100	95	
	2	1	100	100	100	
	3	1	95	90	100	
	4	1	95	90	95	
	5	1	80	95		92
	6	1	100			
	7	1	100			
	8	1	70*			
	9	1	90			
141	1	1	80*	90	100	
	2	1	100	90	100	95
	3	1	100	100	90	
	4	1	100	100	100	
144	1	1	100	100	80	
	2	1	100	90	60	
	3	1	50*	100	100	
	4	1	100	100	100	
	5	1	80	80		88
	6	1	100			
	7	1	95			
	8	1	75			
	9	1	95			

* Lowest wood failure value(s) in each gunstock blank.

Table 8 (Concluded)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Wood Failure,%	Section No. 3 Wood Failure,%	Section No. 5 Wood Failure,%	Average of the Butt Section Wood Failure,%
184	6	1	100			
	7	1	90			
	8	1	100			92
	9	1	80*			
191	5	1	80*	100		
	6	1	100			93
	7	1	100			
195	1	1	55*	90	95	
	4	1	60	100	85	58

* Lowest wood failure value(s) in each gunstock blank.

Table 9. Percentage of Delamination of the Edge Joints of the Type B Gunstock Blanks

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
1	1	1	0.0	26.7	33.3	13.3	33.3	33.3	33.3	73.3	86.7**
		2	0.0	13.3	13.3	0.0	0.0	6.7			
		3	0.0	26.7	26.7						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	6.7	6.7	6.7	13.3	33.3	40.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	9.5	10.5*	5.0	10.0	11.7	15.5	35.5	42.2
2	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2									
		3									
	2	1	0.0	0.0	0.0	6.7	6.7	20.0	0.0	0.0	0.0
		2	0.0	0.0	40.0				0.0	0.0	0.0
		3	33.3	33.3	70.0**						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	13.3	0.0	0.0	13.3			
		3	0.0	0.0	0.0						
		Average	4.8	4.8	17.6*	1.7	1.7	8.3	0.0	0.0	0.0
3	1	1	0.0	0.0	13.3	0.0	0.0	6.7	26.7	26.7	26.7**
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
		Average	0.0	0.0	1.9*	0.0	0.0	1.9	8.9	8.9	8.9

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
4	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	20.0
		2	0.0	0.0	6.7						
		3									
	2	1	33.3	33.3	83.3**	0.0	0.0	26.7	0.0	0.0	0.0
		2	0.0	0.0	20.0						
		3									
	3	1	0.0	0.0	20.0	0.0	0.0	20.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	5.6	5.6	21.7*	0.0	0.0	17.8	0.0	0.0	6.7
5	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.7
		2	0.0	13.3	13.3						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	6.7	33.3	53.2	66.7**	0.0	0.0	13.3
		2	0.0	0.0	0.0						
		3									
		Average	0.0	2.2	3.3*	11.1	17.7	22.2	0.0	2.2	6.7
6	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	13.3	20.0	20.0**	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	6.7	6.7
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	2.2	3.3	3.3*	0.0	0.0	2.7	0.0	2.2	2.2

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
7	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	6.7	13.3						
		3									
	2	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	3	1	0.0	0.0	0.0	46.7	80.0	80.0**	0.0	0.0	0.0
		2	0.0	20.0	20.0						
		3									
		Average	0.0	5.6	7.8*	15.6	26.7	28.9	0.0	0.0	0.0
8	1	1	20.0	46.7	46.7**	0.0	0.0	0.0	0.0	13.3	20.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	6.7	13.3						
	2	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	26.7	40.0			
		3	0.0	13.3	13.3						
		Average	2.5	8.3	10.0*	0.0	5.3	9.3	0.0	4.4	6.7
9	1	1	0.0	40.0	40.0**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0
		2									
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	5.2						
		3	0.0	0.0	0.0						
		Average	0.0	6.7	8.7*	0.0	0.0	1.7	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
10	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	13.3	20.0**	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	1.9	2.9*	0.0	0.0	0.0	0.0	0.0	0.0
11	1	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	13.3	13.3**	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	13.3	13.3						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2									
		3									
		Average	0.0	5.3	6.7*	0.0	0.0	0.0	0.0	0.0	2.2
12	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	33.3	66.7	73.3	26.7	80.0	86.7**	0.0	13.3	20.0
		2	0.0	26.7	26.7						
		3									
	3	1	0.0	6.7	13.3	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	6.7	6.7	0.0	13.3	20.0
		3	0.0	33.3	46.7						
		Average	4.8	19.1	22.9*	6.7	23.4	26.7	0.0	6.7	10.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
13	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	13.3	20.0**	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	6.7	20.0	0.0	0.0	20.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	1.9	2.9*	0.0	1.7	5.0	0.0	0.0	5.0
14	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.7**
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2									
		3									
		Average	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	2.2	2.2
15	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	33.3	46.7**	0.0	6.7	6.7			
		3									
	2	1	0.0	0.0	0.0	6.7	26.7	40.0	6.7	6.7	13.3
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	6.7	6.7	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	6.7	8.9*	1.7	10.0	13.4	2.2	2.2	4.4

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
16	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	26.7**
		2	6.7	0.0	6.7	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
		Average	1.1	1.1	2.2*	0.0	0.0	0.0	0.0	6.7	8.9
17	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	26.7	26.7	40.0**						
		3									
	2	1	0.0	6.7	20.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	13.3	26.7			
		3	0.0	0.0	0.0						
	3	1	0.0	6.7	6.7	0.0	0.0	6.7	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
		Average	3.8	5.7	9.5*	0.0	3.3	8.4	0.0	0.0	2.2
18	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	0.0	6.7	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	6.7	6.7**			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	0.0	0.8*	0.0	1.3	1.3	0.0	0.0	2.2

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
19	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	13.3						
		3									
	2	1	0.0	0.0	0.0	0.0	6.7	13.3	6.7	13.3	26.7
		2	0.0	6.7	33.3**						
		3									
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
		Average	0.0	1.1	8.9*	0.0	2.2	4.4	2.2	4.4	11.1
20	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	13.3	40.0						
		3									
	2	1	0.0	0.0	0.0	26.7	46.7	53.2**	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	6.7	26.7	26.7
		2	0.0	33.3	53.2						
		3									
		Average	0.0	7.8	16.7*	8.9	15.6	17.7	2.2	8.9	11.1
21	1	1	0.0	6.7	6.7	0.0	0.0	0.0	13.3	20.0	26.7
		2	0.0	26.7	20.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	33.3	33.3	46.7**
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3	0.0	0.0	0.0						
		Average	0.0	4.8	4.8*	0.0	0.0	0.0	15.5	17.8	24.5

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
22	1	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	20.0	20.0
		2	0.0	0.0	0.0						
		3									
	2	1	26.7	33.3	40.0	0.0	13.3	20.0	0.0	53.2	53.2**
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	4.5	5.6	7.8*	0.0	6.7	8.9	0.0	24.4	24.4
23	1	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	13.3	13.3**						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2									
		3									
		Average	0.0	4.0	5.3*	0.0	0.0	0.0	0.0	0.0	0.0
24	1	1	0.0	6.7	13.3**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	1.0	1.9*	0.0	0.0	0.0	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
25	1	1	0.0	0.0	0.0	6.7	6.7	6.7	6.7	20.0	20.0
		2	6.7	6.7	13.3	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	6.7	6.7	20.0	26.7	0.0	13.3	20.0
		2	40.0	53.2**	60.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	33.3	40.0	46.7						
		3									
		Average	13.3	16.7	21.1*	3.4	6.7	8.4	2.2	11.1	13.3
51	1	1	0.0	20.0	26.6	0.0	6.7	13.6	6.7	6.7	6.7
		2	0.0	0.0	0.0						
		3	0.0	0.0	0.0						
	2	1	6.7	20.0	26.6	0.0	0.0	6.7	0.0	0.0	0.0
		2	33.3	53.4	73.3**						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	13.6
		2	0.0	0.0	6.7						
		3									
		Average	5.7	13.3	19.1*	0.0	2.2	6.7	2.2	6.7	6.7
52	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	26.6**
		2									
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
		Average	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	4.5	11.1

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
53	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	20.0
		2	0.0	0.0	0.0	0.0	6.7	20.0	0.0	0.0	6.7
		3	0.0	0.0	0.0						
	2	1	0.0	13.6	13.6	0.0	0.0	0.0	0.0	46.5	60.0**
		2	0.0	13.6	13.6	0.0	0.0	0.0			
		3	0.0	0.0	13.6						
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
		Average	0.0	3.4	6.8*	0.0	1.3	4.0	0.0	15.0	21.7
54	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	6.7	13.3	13.3	13.3	13.3	20.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	3	1	13.3	20.0	26.6**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
		Average	3.3	5.6	8.9*	4.4	4.4	6.7	0.0	0.0	0.0
55	1	1	0.0	0.0	6.7	0.0	13.3	46.7	0.0	6.7	13.3
		2	6.7	13.3	13.3	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	6.7	13.3	40.0	87.2	87.2**	0.0	6.7	33.3
		2	0.0	0.0	0.0						
		3									
		Average	1.1	3.3	5.6*	10.0	25.1	33.5	0.0	4.5	15.5

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
56	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	26.6	33.3	0.0	0.0	0.0			
		3									
	2	1	13.3	20.0	20.0	20.0	20.0	40.0**	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	3	1	6.7	13.3	13.3	0.0	6.7	6.7	0.0	26.6	33.3
		2	0.0	0.0	0.0						
		3									
		Average	3.3	10.0	12.2*	5.0	6.7	11.7	0.0	8.9	11.1
57	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	6.7	46.6	46.6**	0.0	0.0	0.0			
		3									
	2	1	20.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	6.7	6.7	13.3	0.0	6.7	6.7			
		3									
		Average	5.6	12.2	13.3*	0.0	2.7	2.7	0.0	0.0	0.0
58	1	1	0.0	0.0	0.0	0.0	0.0	0.0			
		2	6.7	26.6	33.3						
		3	0.0	13.6	26.6						
	2	1	0.0	6.7	13.3	13.3	13.3	26.6	33.3	53.0	60.0**
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	40.0
		2	0.0	0.0	0.0						
		3									
		Average	1.0	6.7	10.5*	4.4	4.4	8.9	16.7	33.3	50.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
59	1	1	0.0	6.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	6.7	6.7	20.0	33.3	6.7	6.7	6.7
		2	0.0	33.3	40.0						
		3	0.0	6.7	13.3						
	3	1	6.7	40.0	60.0**	0.0	13.3	13.3	0.0	6.7	6.7
		2	0.0	0.0	0.0						
		3									
		Average	1.0	12.4	19.0*	2.2	11.1	15.5	2.2	4.5	4.5
60	1	1	0.0	6.7	6.7	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	26.6	46.6	60.0**	0.0	0.0	0.0	0.0	6.7	13.3
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	13.3	13.3	33.3	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
		Average	4.5	8.9	11.1*	3.3	5.0	10.0	0.0	2.2	6.7
61	1	1	0.0	0.0	20.0	0.0	13.3	13.3	0.0	0.0	13.3
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0			
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	13.3	20.0	33.3**	6.7	6.7	13.3
		2	0.0	0.0	6.7	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
		Average	0.0	0.0	3.8*	3.3	8.3	11.6	3.3	3.3	13.3

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
62	1	1	0.0	33.3	46.6	6.7	26.6	53.4	0.0	13.3	26.6
		2	6.7	66.6	96.6**						
		3									
	2	1	0.0	0.0	26.6	0.0	0.0	0.0	0.0	20.0	26.6
		2	0.0	6.7	20.0						
		3									
	3	1	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	26.6	0.0	0.0						
		3									
		Average	5.6	21.1	35.0*	2.2	8.9	17.8	0.0	11.1	17.7
63	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	33.3	46.6**	0.0	6.7	20.0	0.0	6.7	6.7
		2	0.0	0.0	0.0						
		3									
		Average	0.0	5.6	7.8*	0.0	2.2	6.7	0.0	2.2	2.2
64	1	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	40.0	46.6**	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	6.7	8.9*	0.0	0.0	0.0	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
65	1	1	0.0	0.0	0.0	6.7	0.0	13.3	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	20.0	53.4	60.0	80.0**	13.3	13.3	13.3
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.7
		2	0.0	26.6	33.3	0.0	0.0	0.0			
		3									
	Average		0.0	3.8	7.6*	10.0	10.0	18.9	3.3	5.0	5.0
66	1	1	0.0	6.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	20.0	46.6	46.6						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2									
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	Average		4.0	10.7	12.0*	0.0	0.0	0.0	0.0	0.0	0.0
67	1	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	80.0	96.6**
		2	0.0	13.3	13.3	0.0	0.0	0.0			
		3	0.0	0.0	6.7						
	2	1	0.0	13.3	20.0	13.3	40.0	46.6	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	6.7	13.3	0.0	0.0	6.7	0.0	20.0	40.0
		2	40.0	60.0	66.6						
		3									
	Average		5.7	13.3	18.1*	3.3	10.0	13.3	0.0	33.3	45.5

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
68	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	20.0	46.6						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	13.3	40.0	50.0	0.0	0.0	6.7			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	40.0	60.0**
		2	0.0	13.3	13.3						
		3	0.0	0.0	0.0						
		Average	1.7	9.2	13.7*	0.0	1.6	3.4	0.0	13.3	20.0
69	1	1	0.0	13.3	20.0	0.0	20.0	20.0	0.0	0.0	13.3
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	20.0	26.6**	0.0	0.0	6.7
		2	0.0	13.3	13.3						
		3									
	3	1	0.0	13.3	26.6**	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	13.3	13.3						
		3									
		Average	0.0	8.8	12.2*	0.0	15.6	17.8	0.0	0.0	6.7
70	1	1	13.3	73.2	93.4**	50.0	56.6	86.5	0.0	46.6	66.6
		2	0.0	0.0	0.0						
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	13.3	33.3	0.0	6.7	13.3			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	6.7	6.7
		2	0.0	0.0	0.0						
		3									
		Average	1.9	12.4	19.1*	12.5	15.8	26.6	0.0	17.8	24.4

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
71	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.6
		2	0.0	6.7	6.7						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	6.7	13.3	33.3						
	3	1	0.0	0.0	6.7	6.7	13.6	40.0**	0.0	0.0	0.0
		2	6.7	6.7	20.0	0.0	0.0	0.0			
		3	0.0	0.0	6.7						
	Average		1.7	3.3	9.2*	1.3	2.7	8.0	0.0	0.0	15.5
72	1	1	0.0	0.0	6.7	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	13.3	0.0	6.7	6.7			
		3	20.0	50.0	50.0**						
	Average		2.5	7.1	9.6	0.0	2.7	2.7	0.0	0.0	0.0
73	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	20.0						
		3									
	2	1	60.0	66.6	73.4**	0.0	0.0	13.3	0.0	0.0	0.0
		2	0.0	0.0	0.0	6.7	6.7	13.3			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	Average		7.5	9.2	11.7*	1.3	1.3	5.3	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
74	1	1	0.0	20.0	20.0	0.0	6.7	13.3	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	13.3	26.6	0.0	0.0	0.0
		2	0.0	26.6	46.6	0.0	0.0	0.0			
		3	20.0	40.0	80.0**						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	20.0	33.3	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
		Average	2.5	13.3	22.5*	0.0	4.0	8.0	0.0	0.0	0.0
75	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	40.0	66.6**	0.0	0.0	0.0	0.0	0.0	0.0
		2	6.7	6.7	6.7	0.0	0.0	7?2			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	6.7	26.6						
		Average	0.8	6.7	12.5*	0.0	0.0	1.2	0.0	0.0	0.0
101	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	6.7						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0				0.0	0.0	0.0
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0**
		2	0.0	20.0	33.3						
		3	0.0	0.0	0.0						
		Average	0.0	3.3	5.0*	0.0	0.0	0.0	0.0	10.0	10.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
102	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	33.3	40.0**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		3	0.0	0.0	6.7						
		Average	0.0	4.8	6.7*	0.0	1.7	1.7	0.0	0.0	0.0
103	1	1	0.0	0.0	0.0	0.0	13.3	13.3**	0.0	0.0	0.0
		2	0.0	0.0	6.7	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	6.7	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
		Average	0.0	1.7	2.5*	0.0	3.3	3.3	0.0	0.0	0.0
104	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	13.3						
	3	1	0.0	6.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	13.3	46.6	46.6**						
		3									
		Average	1.9	7.6	11.4*	0.0	0.0	0.0	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
105	1	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	20.0	20.0**	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	Average		0.0	3.3	3.3*	0.0	4.5	4.5	0.0	0.0	0.0
106	1	1	26.6	26.6	26.6	0.0	26.6	46.6**	0.0	13.3	46.6**
		2	0.0	6.7	6.7						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	6.7	13.3	6.7	0.0	13.3	20.0			
		3									
	3	1	0.0	26.6	26.6	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	20.0	33.3						
		3									
	Average		5.6	15.5	16.6*	0.0	11.6	18.3	0.0	4.4	15.5
107	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	6.7**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7**						
		3									
	Average		0.0	0.0	1.9*	0.0	0.0	0.0	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
108	1	1	13.3	20.0	26.6**	0.0	13.3	13.3	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	6.7						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	2.2	4.4	5.6*	0.0	4.4	4.4	0.0	0.0	0.0
109	1	1	6.7	53.3	60.0**	26.6	33.3	40.0	0.0	0.0	0.0
		2	20.0	0.0	6.7						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	20.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
		Average	4.4	8.9	15.6*	8.9	11.1	13.3	0.0	0.0	0.0
110	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	6.7	0.0	0.0	6.7	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	2	1	0.0	13.3	40.0	0.0	13.3	20.0	0.0	0.0	20.0
		2	0.0	6.7	13.3	0.0	6.7	20.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	3	1	96.4	96.4	96.4**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3	0.0	6.7	13.3						
		Average	10.7	16.2	21.2*	0.0	4.0	9.3	0.0	0.0	4.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
111	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	20.0	40.0						
		3									
	2	1	13.3	26.6	26.6	0.0	13.3	26.6	0.0	20.0	33.3
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	53.2	87.6**	0.0	6.7	13.3			
		3	0.0	0.0	0.0						
		Average	1.7	12.5	19.3*	0.0	4.0	8.0	0.0	5.0	8.3
112	1	1	0.0	40.0	40.0**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	26.6	26.6						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	26.6	40.0	40.0**	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	13.3	0.0	33.3	40.0**	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	4.4	17.8	20.0*	0.0	8.3	10.0	0.0	0.0	0.0
113	1	1	0.0	20.0	20.0	33.3	33.3	33.3	0.0	20.0	20.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	20.0	20.0						
	2	1	0.0	86.5	86.5**	0.0	26.6	40.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	18.1	18.1*	8.3	15.0	20.0	0.0	6.6	6.6

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
114	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	6.7	13.3	40.0	46.4**
		3	0.0	0.0	13.3						
	2	1	0.0	0.0	0.0	6.7	26.6	33.3	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0			
		2	0.0	0.0	0.0						
		3									
		Average	0.0	0.0	1.7*	1.7	6.6	10.0	4.4	13.3	15.5
115	1	1	0.0	13.3	33.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	50.0	56.6	56.6**	0.0	0.0	0.0			
		3									
	2	1	0.0	0.0	6.7	0.0	0.0	0.0			
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		3	0.0	0.0	0.0						
		Average	7.1	10.0	13.8*	0.0	1.3	1.3	0.0	0.0	0.0
116	1	1	0.0	0.0	0.0						
		2									
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0			
		2	0.0	0.0	0.0						
		3									
	3	1	33.3	33.3	33.3**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	13.3	20.0	0.0	0.0	0.0
		3									
		Average	6.7	6.7	6.7*	0.0	4.4	6.7	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
117	1	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0			
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	50.0	50.0**	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	Average		0.0	0.0	1.0*	0.0	12.5	12.5	0.0	0.0	0.0
118	1	1	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	40.0	40.0	20.0	33.3	40.0	40.0	80.0	93.2
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	13.3
		2	0.0	0.0	0.0						
		3									
	Average		0.0	6.7	10.0*	6.7	11.1	13.3	13.3	26.7	35.5
119	1	1	33.3	46.6	53.4	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	6.7	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	6.7	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.2	80.0**
		2	0.0	13.3	13.3	0.0	0.0	0.0			
		3									
	Average		6.7	12.2	13.4*	0.0	0.0	0.0	0.0	24.4	26.7

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
120	1	1	0.0	6.7	6.7	0.0	13.3	13.3	0.0	13.3	13.3
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	6.7	13.3	13.3	0.0	6.7	13.3
		2	0.0	20.0	20.0**						
		3									
	3	1	0.0	6.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	5.6	6.7*	2.2	8.9	8.9	0.0	6.7	8.9
121	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	2	1	20.0	60.0	66.6**	0.0	6.7	26.6	0.0	0.0	13.3
		2	6.7	20.0	20.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	13.3
		2	6.7	6.7	6.7						
		3									
		Average	5.6	14.4	16.7	0.0	2.2	8.9	0.0	2.2	8.9
122	1	1	6.3	7.0	7.0	5.7	8.3	8.3	0.0	7.7	7.7
		2	0.0	20.0	20.0**	0.0	0.0	0.0			
		3	0.0	6.7	13.3						
	2	1	0.0	6.7	6.7						
		2									
		3									
	3	1	0.0	13.3	13.3	3.3	5.7	5.7	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
		Average	1.0	9.0	11.2*	3.0	4.7	4.7	0.0	3.8	3.8

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* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
123	1	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	83.2**	83.2**	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	1.1	1.1*	0.0	27.7	27.7	0.0	0.0	2.2
124	1	1	0.0	6.7	13.3	0.0	0.0	0.0	0.0	0.0	6.7
		2	13.3	33.3	40.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	50.0	50.0	26.6	90.0	96.4**
		2	0.0	0.0	0.0						
		3									
		Average	2.2	6.7	8.9*	0.0	16.7	16.7	8.9	30.0	34.4
125	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0
		2	0.0	13.3	13.3						
		3									
	2	1	0.0	0.0	0.0	0.0	33.3	46.6	0.0	0.0	0.0
		2	0.0	26.6	60.0**	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	13.3	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
		Average	0.0	5.7	12.4*	0.0	6.7	10.6	0.0	16.7	16.7

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
151	1	1	0.0	0.0	0.0	13.3	20.0	26.6**	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	6.7	13.3	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	0.0	0.0*	2.7	5.3	8.0	0.0	0.0	0.0
152	1	1	6.7	20.0	33.3	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	6.7	13.3						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	13.3	0.0	0.0	0.0			
		3	6.7	63.3	90.4**						
	3	1	0.0	26.6	33.3						
		2									
		3									
		Average	2.2	20.6	30.6*	0.0	2.2	2.2	0.0	0.0	0.0
153	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	6.2	13.6	13.6						
		3									
	2	1	0.0	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.2	13.6	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	6.2	6.2	26.6	33.3**
		2	0.0	0.0	0.0						
		3									
		Average	0.9	3.7	4.8*	0.0	0.0	1.6	1.6	8.9	11.1

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
154	1	1	0.0	26.8	26.8	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	6.7						
		3									
	2	1	0.0	0.0	13.4	0.0	0.0	0.0	0.0	6.7	13.4
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	33.5**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	20.1						
		3									
		Average	0.0	4.5	16.8*	0.0	0.0	0.0	0.0	2.2	4.5
155	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0						
		2									
		3									
	3	1	20.0	95.5	95.5	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	6.0	19.1	19.1	0.0	0.0	0.0	0.0	0.0	0.0
156	1	1	26.6	46.5	46.5**	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	13.3	13.3				0.0	0.0	0.0
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.7
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
		Average	3.8	8.5	8.5	0.0	0.0	1.7	0.0	1.7	3.4

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
157	1	1	0.0	0.0	0.0	0.0	0.0	0.0			
		2									
		3									
	2	1	13.4	13.4	13.4	0.0	0.0	0.0	0.0	0.0	13.4
		2	0.0	6.7	13.4	46.9	60.3	60.3**	0.0	0.0	6.7
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	26.8	33.5	33.5	0.0	0.0	33.5
		2	0.0	0.0	0.0						
		3									
		Average	2.2	3.5	4.5*	14.7	18.8	18.8	0.0	0.0	17.9
158	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	50.0	50.0	50.0**	33.5	40.2	40.2
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	13.4						
		3									
		Average	0.0	0.0	1.7*	10.0	10.0	10.0	8.4	10.0	10.0
159	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	13.3	40.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	6.7	26.6	40.0	46.7	73.2**	13.3	20.0	20.0
		2	0.0	20.0	26.6						
		3									
		Average	0.0	6.7	15.5*	13.3	15.6	24.4	6.6	10.0	10.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
160	1	1	26.6	46.7	53.2**	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	20.0						
		3									
	Average		4.4	7.8	12.2*	0.0	2.2	2.2	0.0	0.0	2.2
161	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	33.3	53.4**
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	50.0	50.0						
	Average		0.0	5.6	5.6*	0.0	0.0	2.2	0.0	6.7	10.7
162	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	6.7	6.7						
		3	0.0	6.7	6.7						
	3	1	0.0	0.0	0.0	13.4	20.1	20.1**	0.0	20.1	20.1**
		2	0.0	0.0	0.0						
		3	0.0	0.0	0.0						
	Average		0.0	1.6	1.6*	3.4	6.7	6.7	0.0	6.7	6.7

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
163	1	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	13.4**	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	6.7	20.1	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	Average		0.0	1.7	4.2*	0.0	1.3	1.3	0.0	0.0	0.0
164	1	1	0.0	0.0	0.0	13.4	53.6	60.3**	0.0	0.0	0.0
		2	0.0	0.0	13.4						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	6.7
		2	0.0	40.2	40.2						
		3									
	3	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	6.7	6.7
		2	0.0	0.0	0.0	6.7	13.4	13.4			
		3	0.0	0.0	6.7						
	Average		0.0	5.7	8.6*	5.0	18.4	19.3	0.0	2.2	4.4
165	1	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	13.4	40.2	40.2	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3	20.1	63.4	70.1**						
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3	67.0
		2	0.0	0.0	26.8	0.0	0.0	6.7	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	Average		2.5	7.9	12.1*	3.4	11.7	13.4	0.0	15.1	16.7

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
166	1	1	6.7	26.6	33.3	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.2	0.2	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	6.7	6.7	0.0	0.0	0.0	-	-	-
		2									
		3									
	3	1	0.0	0.0	0.0	26.6	26.6	26.6	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	1.1	5.6	6.7	6.6	6.6	6.6	0.0	0.0	0.0
167	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	13.4**
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	3	1	0.0	0.0	0.0	6.7	6.7	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	0.0	0.0	0.0**	1.7	1.7	3.4	0.0	3.4	3.4
168	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	6.7
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	2	1	6.7	20.1	20.1	0.0	6.7	13.4	0.0	0.0	0.0
		2	20.1	26.8	26.8**						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
		Average	4.7	7.8	7.8*	0.0	1.7	5.0	0.0	0.0	2.2

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
169	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	20.1**	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	Average		0.0	0.0	0.0*	0.0	0.0	5.0	0.0	0.0	0.0
170	1	1	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0
		2	6.7	20.0	20.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	40.0	67.0**	0.0	0.0	0.0	0.0	0.0	6.7
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
	Average		0.8	7.5	10.9*	0.0	0.0	2.7	0.0	0.0	1.7
171	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3	0.0	0.0	0.0						
	2	1	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
		2	20.0	33.3	40.0**						
		3									
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	26.8	40.0**						
		3									
	Average		2.9	8.6	12.4*	0.0	0.0	0.0	0.0	0.0	0.0

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
172	1	1	0.0	13.4	20.1**	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	13.4	20.1	20.1**
		2	0.0	6.7	13.4						
		3									
	3	1	0.0	0.0	0.0	0.0	13.4	13.4	0.0	6.7	6.7
		2	0.0	0.0	0.0						
		3									
	Average		0.0	3.3	5.6*	0.0	4.4	4.4	4.4	8.9	8.9
173	1	1	0.0	0.0	0.0	13.6	26.8	26.8**	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	0.0	0.0	0.0	13.6	20.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0			
		3									
	Average		0.0	0.0	0.0*	3.4	10.1	11.7	0.0	0.0	0.0
174	1	1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	13.6
		2	0.0	0.0	0.0						
		3									
	3	1	0.0	6.7	6.7	0.0	26.8	53.4**	6.7	26.8	53.4**
		2	6.7	26.8	26.8						
		3									
	Average		1.1	5.6	7.8*	0.0	8.9	20.0	2.2	8.9	22.3

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 9. (Concluded)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
175	1	1	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
		2	0.0	0.0	0.0						
		3									
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0	0.0	0.0	0.0			
	3	1	0.0	0.0	0.0	26.8	63.5	70.0**	20.0	26.8	26.8
		2	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0						
		Average	0.0	0.1	0.1*	4.5	10.6	11.7	5.0	6.7	6.7

* Average third cycle delamination of the butt section of the gunstock blank.
** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 10, Percentage of Delamination of the Edge Joints of the Type C, Class 1 Gunstock Blanks.

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
26	1	1	33.3	33.3	33.3	0.0	13.3	13.3	0.0	26.7	53.2**
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	0.0	0.0	0.0	13.3	13.3	0.0	0.0	0.0
	4	1	0.0	6.7	6.7	0.0	6.7	6.7	0.0	0.0	6.7
	5	1	20.0	20.0	26.7						
	6	1	0.0	0.0	0.0						
	7	1	26.7	50.0	50.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	26.7	53.2						
	Average		9.4	15.4	17.6*	0.0	8.3	8.3	0.0	6.7	15.0
32	1	1	0.0	0.0	0.0	0.0	20.0	20.0	0.0	6.7	13.3
	2	1	0.0	6.7	20.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	1	6.7	40.0	46.7**	0.0	20.0	26.7	0.0	6.7	6.7
	5	1									
	6	1									
	7	1									
	8	1									
	9	1									
	Average		1.7	11.7	16.7*	0.0	10.0	11.7	0.0	3.4	5.0
33	1	1	6.7	13.3	13.3	0.0	0.0	0.0	0.0	13.3	13.3
	2	1	0.0	0.0	0.0	0.0	13.3	13.3	0.0	13.3	13.3
	3	1	0.0	0.0	0.0	0.0	13.3	13.3	0.0	20.0	20.0
	4	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5	1	0.0	6.7	6.7						
	6	1	0.0	0.0	0.0						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	26.7**						
	Average		0.7	2.2	5.2*	0.0	6.7	6.7	0.0	11.7	11.7
36	1	1	0.0	13.3	13.3	0.0	26.7	40.0**	0.0	0.0	6.0
	2	1	0.0	13.3	13.3	0.0	20.0	20.0	0.0	6.7	13.3
	3	1	0.0	6.7	6.7	0.0	6.7	6.7	0.0	6.7	6.7
	4	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
	5	1	0.0	0.0	0.0						
	6	1	0.0	0.0	0.0						
	7	1	0.0	6.7	13.3						
	8	1	0.0	0.0	0.0						
	9	1	13.3	26.7	26.7						
	Average		1.5	8.2	8.9*	0.0	10.6	16.7	0.0	3.4	6.6

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 10(Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
41	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
	2	1	0.0	0.0	0.0	0.0	13.3	33.3	0.0	0.0	6.7
	3	1	6.7	33.3	33.3	20.0	26.7	26.7	20.0	40.0	60.0**
	4	1	0.0	26.7	26.7	0.0	6.7	6.7	0.0	0.0	0.0
	5	1	0.0	0.0	6.7						
	6	1	0.0	0.0	0.0						
	7	1	0.0	0.0	6.7						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.7	6.7	8.2*	5.0	11.7	16.7	5.0	10.0	18.3
42	1	1									**
	2	1	0.0	13.3	20.0	6.7	33.3	46.7	0.0	53.2	60.0
	3	1									
	4	1									
	5	1									
	6	1	0.0	0.0	0.0						
	7	1									
	8	1									
	9	1									
	Average		0.0	6.7	10.0*	6.7	33.3	46.7	0.0	53.2	60.0
43	1	1	0.0	46.7	50.0**	0.0	6.7	6.7	0.0	0.0	20.0
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0
	3	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	6.7
	4	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5	1	0.0	0.0	0.0						
	6	1	0.0	20.0	20.0						
	7	1	0.0	13.3	13.3						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.0	9.9	10.0*	0.0	1.7	1.7	0.0	1.7	6.7
49	1	1									
	2	1	0.0	0.0	0.0	20.0	20.0	20.0	0.0	0.0	0.0
	3	1	33.3	45.7	53.2**	13.3	45.7	45.7	6.7	20.0	26.7
	4	1	0.0	0.0	6.7	0.0	40.0	40.0	0.0	0.0	0.0
	5	1	0.0	0.0	0.0						
	6	1	0.0	0.0	0.0						
	7	1	0.0	6.7	6.7						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	13.3						
	Average		3.7	5.9	10.0*	7.8	35.2	35.2	2.2	6.7	8.9

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 10(Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
50	1	1	0.0	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0
	2	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	13.3	13.3
	3	1	0.0	53.2	53.2**	0.0	0.0	0.0	0.0	0.0	0.0
	4	1	0.0	6.7	6.7	0.0	6.7	6.7	0.0	33.3	46.7
	5	1	0.0	0.0	0.0						
	6	1	13.3	40.0	40.0						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		1.5	12.6	12.6*	0.0	3.4	3.4	0.0	11.7	15.0
86	1	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	13.3	13.3
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	20.0	40.0	0.0	0.0	0.0	13.3	45.7	45.7
	4	1	6.7	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
	5	1	0.0	0.0	0.0						
	6	1	0.0	45.7	53.2**						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.7	8.8	11.8**	0.0	0.0	0.0	3.3	15.0	15.0
87	1	1	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
	2	1	0.0	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	20.0	20.0**	0.0	6.7	6.7	0.0	0.0	0.0
	4	1	6.7	20.0	20.0**	0.0	6.7	13.3	0.0	0.0	0.0
	5	1	0.0	0.0	0.0						
	6	1	0.0	0.0	0.0						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.7	5.2	5.2*	0.0	5.0	6.7	0.0	0.0	0.0
88	1	1	0.0	26.7	40.0**	0.0	13.3	0.0	0.0	13.3	13.3
	2	1	0.0	6.7	6.7	20.0	20.0	33.3	0.0	6.7	6.7
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	1	0.0	20.0	33.3	0.0	13.3	26.7	0.0	0.0	0.0
	5	1	0.0	0.0	0.0						
	6	1	0.0	0.0	0.0						
	7	1	0.0	6.7	6.7						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.0	6.7	9.5*	5.0	11.7	15.0	0.0	5.0	5.0

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 10 (Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	Section No. 1 Cycle No. 2	Section No. 1 Cycle No. 3	Section No. 3 Cycle No. 1	Section No. 3 Cycle No. 2	Section No. 3 Cycle No. 3	Section No. 5 Cycle No. 1	Section No. 5 Cycle No. 2	Section No. 5 Cycle No. 3
92	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2	1	6.7	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	1	0.0	40.0	40.0						
	5	1	0.0	6.7	6.7						
	6	1	0.0	0.0	0.0						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.7	7.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0
129	1	1	0.0	0.0	0.0	0.0	83.4	83.4**	0.0	0.0	0.0
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	20.0	20.0	0.0	40.0	42.2	0.0	0.0	0.0
	4	1	0.0	46.6	46.6	0.0	0.0	0.0	0.0	33.3	33.3
	5	1	0.0	20.0	20.0						
	6	1	0.0	0.0	0.0						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.0	9.6	9.6*	0.0	30.9	31.4	0.0	8.3	8.3
131	1	1									
	2	1									
	3	1									
	4	1									
	5	1	0.0	4.4	4.4						
	6	1	0.0	13.3	13.3						
	7	1	0.0	11.1	11.1						
	8	1	0.0	22.2	22.2**						
	9	1	0.0	0.0	0.0						
	Average		0.0	10.0	10.0						
136	1	1									
	2	1									
	3	1									
	4	1									
	5	1	0.0	0.0							
	6	1	0.0	66.7	66.7**						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	13.3	20.0						
	Average		0.0	16.0	21.7*						

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 10(Continued)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
137	1	1									
	2	1									
	3	1									
	4	1									
	5	1	13.3	60.0	66.6						
	6	1	26.7	83.3	83.3**						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		8.0	28.7	30.0*						
140	1	1	0.0	53.3	86.4	0.0	83.4	90.0	53.3	100.0	100.0**
	2	1	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.0	20.0
	3	1	0.0	0.0	0.0	13.3	40.0	40.0	26.7	46.6	46.6
	4	1	6.7	90.0	90.0	6.7	13.3	13.3	0.0	0.0	
	5	1	0.0	20.0	20.0						
	6	1	0.0	13.3	13.3						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.7	19.6	23.3*	5.0	34.2	35.8	21.7	41.7	41.7
141	1	1	0.0	26.7	26.7	0.0	0.0	0.0	0.0	46.7	46.7
	2	1	0.0	13.3	13.3	0.0	13.4	13.4	0.0	13.3	26.6
	3	1	0.0	86.7	86.7	0.0	66.7	80.0	0.0	93.3	93.3**
	4	1	0.0	66.7	66.7	0.0	0.0	6.7	0.0	13.3	13.3
	5	1									
	6	1									
	7	1									
	8	1									
	9	1									
	Average		0.0	48.4	48.4*	0.0	20.0	25.0	0.0	41.7	45.0
144	1	1	0.0	20.0	26.6	0.0	0.0	6.7	20.0	76.6	76.6
	2	1	0.0	6.7	20.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	1	0.0	20.0	20.0	20.0	40.0	40.0	0.0	20.0	20.0
	4	1	0.0	33.3	40.0	0.0	0.0	0.0	0.0	0.0	6.7
	5	1	0.0	0.0	6.7						
	6	1	0.0	13.3	13.3						
	7	1	0.0	0.0	0.0						
	8	1	0.0	0.0	0.0						
	9	1	0.0	0.0	0.0						
	Average		0.0	10.4	14.1	5.0	10.0	11.7	5.0	24.2	25.8

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Table 10(Concluded)

Blank No.	Lamination No.	Glue Line No.	Section No. 1 Cycle No. 1	2	3	Section No. 3 Cycle No. 1	2	3	Section No. 5 Cycle No. 1	2	3
184	1	1									
	2	1									
	3	1									
	4	1									
	5	1									
	6	1	6.7	8.9	8.9						
	7	1	0.0	0.0	0.0						
	8	1	20.0	33.3	40.0**						
	9	1	0.0	20.0	30.0						
	Average		6.7	15.6	19.8*						
191	1	1									
	2	1									
	3	1									
	4	1									
	5	1	0.0	13.3	26.6						
	6	1	0.0	6.7	10.4						
	7	1	0.0	45.7	50.5**						
	8	1									
	9	1									
	Average		0.0	21.9	29.1*						
195	1	1	0.0	0.0	13.3	0.0	20.0	20.0	6.7	33.3	40.0
	2	1									
	3	1									
	4	1	0.0	0.0	6.7	13.3	45.7	45.7	13.3	66.7	73.3**
	5	1									
	6	1									
	7	1									
	8	1									
	9	1									
	Average		0.0	0.0	10.0*	6.7	32.9	32.9	10.0	50.0	56.7

* Average third cycle delamination of the butt section of the gunstock blank.

** Third cycle delamination of the glue line(s) showing maximum delamination in any section of the gunstock blank.

Distribution List

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